

From: Jim [REDACTED] [health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Sent: Monday, 15 May 2023 9:53 AM
To: David P [REDACTED] [health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>; Rebecca [REDACTED] [@health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Subject: RE: Reports for e-cigarette fluids

Morning David, thanks for the lab report. From the sounds of it you'll have the second lab report to us soon.

Re: your question re: summarising the lab report into a "more digestible form" yes we will do that, Ri [REDACTED] is working on it.

Cheers Jim

From: David P [REDACTED] [health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Sent: Friday, 12 May 2023 2:52 PM
To: Rebecca [REDACTED] [health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>; Jim [REDACTED] [health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Subject: RE: Reports for e-cigarette fluids

G'day Jim, Rebecca,

Please find attached the report for the samples taken for the QP Health and Environment Committee. The LORs for some of the analyses are higher than usual as I haven't had time to run them at lower dilutions – if that's preferred/required I can do that next week.

I'll get the other report to you over the weekend along with the updated results for carbonyl analysis.

Have a good weekend.

Cheers,

David

From: Rebecca [REDACTED] [@health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Sent: Friday, 12 May 2023 12:49 PM
To: David P [REDACTED] [@health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>; Jim [REDACTED] [@health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Subject: Re: Reports for e-cigarette fluids

Hello David,

It's ok first things monday is fine, I don't want to ask you to come in on the weekend.

Thanks for your assistance with this

Best regards

Rebecca

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From: David P [REDACTED] [@health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Sent: Friday, May 12, 2023 1:43:31 PM
To: Rebecca [REDACTED] [@health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>; Jim [REDACTED] [health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Subject: RE: Reports for e-cigarette fluids

Hello Rebecca, Jim,

Sorry about this but I won't be able to produce both reports today. I'm going through the GCMS screening data for the e-fluids and it's more work than I'd anticipated. I'm afraid I need to leave early today at 3pm and can't get back.

I'll have the report for the samples taken for Aaron Harper MP done this afternoon but there'll be a delay for the other with the ten samples I've selected. The reports will be qualitatively similar with some differences in the volatile GCMS screens.

I'll come in Sunday morning to finish and email the second report. The second analysis for the aldehydes will be finished by then so will be able to update the data for both at that time as well.

Let me know if that's a problem as I can come in tomorrow if required.

David

From: Rebecca [REDACTED] [\[REDACTED\]@health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Sent: Friday, 12 May 2023 10:30 AM
To: David P [REDACTED] [\[REDACTED\]@health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au); Jim [REDACTED] [\[REDACTED\]@health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Subject: Re: Reports for e-cigarette fluids

Thanks David. I really appreciate the further analysis.

Jim, I will draft the associated brief and letter and update with results when you have the report drafted.

I will check back in on Monday with you all.

Cheers
 Rebecca

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From: David P [REDACTED] [\[REDACTED\]@health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Sent: Friday, May 12, 2023 10:11:02 AM
To: Jim [REDACTED] [\[REDACTED\]@health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au); Rebecca [REDACTED] [\[REDACTED\]@health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Subject: Reports for e-cigarette fluids

G'day Jim, Rebecca,

As per our conversation this morning Rebecca, I'll release two reports today; one for the samples taken on behalf of Aaron Harper MP and the other for the ten selected samples we've previously analysed. These may be amended early next week when I rerun the carbonyl analysis at lower dilution. The amendments if required will be for that section of the report only.

Jim, the report contact I have for the QP Health & Environment Committee samples is Louise O'Neil of Qld Health Cabinet and Parliamentary Services, do you want it sent to her as well or will you be summarising it into a more digestible form and handing it on?

Cheers,

David



David P

Senior Chemist

Organics Laboratory

Forensic and Scientific Services

Prevention Division Queensland Health

s.73 - Irrelevant
information

a 39 Kessels Road Coopers Plains Qld 4108

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Queensland Health acknowledges the Traditional Owners of the land, and pays respect to Elders past, present and emerging.

RTI Release

DOH DISCLOSURE LOG

AMENDED CERTIFICATE OF ANALYSIS

CLIENT: QP Health & Environment Committee
Queensland Parliament
Alice St
BRISBANE QLD 4000

ATTN: Aaron Harper MP

CC: Louise [REDACTED]

Laboratory Reference : SSP83440
Client Order Number : n/a
Quote Number : n/a
Client Project : n/a
Client Batch Reference : n/a
Date Received : 28-Apr-2023
Date Commenced : 1-May-2023
Laboratory Number/s : 23KS935-941

Submitting Authority : Queensland Parliament Health & Environment Committee

Number of Samples : Seven (7) e-cigarette devices

Reason for Analysis : Quantitation of nicotine
Quantitation of compounds outlined in Subsection 7(3) Schedule 1 of the TGA document TGO 110
Quantitation of carbonyl compounds
Pesticide/Herbicide Screens
Heavy metals screen

Method/s of Analysis : QIS34310 – Nicotine Analysis

QIS15506 - Qualitative and/or Quantitative Analysis using Liquid Chromatography Separation with Mass Spectrometer Detection

QIS12659 - Determination of Trace Elements in Foods by ICP-MS after Microwave Digestion

QIS12792 – Analysis of drugs by classical (Pharmacopeia), GC, GCMS, HPLC, UV/VIS HPLC/MS methods

Remarks : Sample details and results are summarised in Tables 1 - 6

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David P [REDACTED]
Senior Chemist, Organics Laboratory
15th May 2023

DOH DISCLOSURE LOG

SSP83440

This report overrides all previous reports. The results relate solely to the sample/s as received and are limited to the specific tests undertaken as listed on the report. The results of this report are confidential and are not to be used or disclosed to any other person or used for any other purpose, whether directly or indirectly, unless that use is disclosed or the purpose is expressly authorised in writing by Queensland Health and the named recipient on this report. To the fullest extent permitted by law, Queensland Health will not be liable for any loss or claim (including legal costs calculated on an indemnity basis) which arise because of (a) problems related to the merchantability, fitness or quality of the sample/s, or (b) any negligent or unlawful act or omissions by Queensland Health that is connected with any activities or services provided by Queensland Health under this agreement (including the timing and/or method under which the sample/s were taken, stored or transported).

Enquiries David P [REDACTED]
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Email s.73 - Irrelevant@health.qld.gov.au

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Fax (+61 7) 3096 2977
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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83440
 Laboratory Number: 23KS935-941

Table 1: Nicotine Results for SSP83440

Lab No.	Sample Reference	Sample Description	Results (mg/kg)
23KS935	1 KIRWIN	IGET Bar Strawberry Watermelon Ice	45000
23KS936	2 KIRWIN	Vorteke Melon	< LOR
23KS937	3 WYNNUM	IGET Bar Strawberry Lemon Ice	54000
23KS938	4 WYNNUM	IGET Legend Passionfruit Watermelon Ice	52000
23KS939	5 BELLARA	IGET Bar Grape Ice	49000
23KS940	6 BELLARA	IGET Bar Kiwi Pineapple Ice	55000
23KS941	7 BELLARA	IGET Legend Blueberry Blackberry Ice	47000

Limit of Reporting (< LOR) – 200 mg/kg

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83440
 Laboratory Number: 23KS935-941

Table 2: Carbonyl results for SSP83440

Client Reference				1 KIRWAN	2 KIRWAN	3 WYNNUM	4 WYNNUM	5 BELLARA	6 BELLARA	7 BELLARA
Sample Type				liquid	liquid	liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				1707 04/04/2023	1712 04/04/2023	04/2023	04/2023	06/04/2023	06/04/2023	06/04/2023
Sample Description				IGET Bar Strawberry Watermelon Ice	Vorteke Melon	IGET Bar Strawberry Lemon Ice	IGET Legend Passionfruit Watermelon Ice	IGET Bar Grape Ice	IGET Bar Kiwi Pineapple Ice	IGET Legend Blueberry Blackberry Ice
Method	Analysis for drugs by GCMS	Units	Reporting Limit	23KS935	23KS936	23KS937	23KS938	23KS939	23KS940	23KS941
12792	Formaldehyde	mg/kg	20	37	30	54	28	47	40	23
12792	Acetaldehyde	mg/kg	20	46	79	48	101	50	460*	71
12792	Acrolein	mg/kg	20	130	41	88	150	220*	300*	220*
12792	Propionaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Hexaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Benzaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	p-Tolualdehyde	mg/kg	20	120	< LOR	140	< LOR	< LOR	< LOR	< LOR

* Above top calibration standard – estimate only

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83440
 Laboratory Number: 23KS935-941

Table 3: Results for TGO 110 compounds

Client Reference				1 KIRWAN	2 KIRWAN	3 WYNNUM	4 WYNNUM	5 BELLARA	6 BELLARA	7 BELLARA
Sample Type				liquid	liquid	liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				1707 04/04/2023	1712 04/04/2023	04/2023	04/2023	06/04/2023	06/04/2023	06/04/2023
Sample Description				IGET Bar Strawberry Watermelon Ice	Vorteke Melon	IGET Bar Strawberry Lemon Ice	IGET Legend Passionfruit Watermelon Ice	IGET Bar Grape Ice	IGET Bar Kiwi Pineapple Ice	IGET Legend Blueberry Blackberry Ice
Method	Analysis for drugs by GCMS	Units	Reporting Limit	23KS935	23KS936	23KS937	23KS938	23KS939	23KS940	23KS941
12792	Butyraldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	2,4-Butadione	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	2,3-Pentadione	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Acetoin	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Benzaldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Tolualdehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Cinnamaldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
15506*	Vitamin E acetate	mg/kg	50	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Ethylene glycol	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Diethylene glycol	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR

* Analysed by QIS 15506 - Qualitative and/or Quantitative Analysis using Liquid Chromatography Separation with Mass Spectrometer Detection (LC-Orbitrap)

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83440
 Laboratory Number: 23KS935-941

Table 4: General Organic Screen by LC-Orbitrap (Pesticides/Herbicides/Fungicides) for SSP83440

Lab No.	Sample Reference	Sample Description	Compounds detected
23KS935	1 KIRWIN	IGET Bar Strawberry Watermelon Ice	Nicotine, Vanillin
23KS936	2 KIRWIN	Vorteke Melon	Nicotine (trace), Vanillin
23KS937	3 WYNNUM	IGET Bar Strawberry Lemon Ice	Nicotine, Vanillin
23KS938	4 WYNNUM	IGET Legend Passionfruit Watermelon Ice	Nicotine, Vanillin
23KS939	5 BELLARA	IGET Bar Grape Ice	Nicotine, Vanillin
23KS940	6 BELLARA	IGET Bar Kiwi Pineapple Ice	Nicotine, Vanillin
23KS941	7 BELLARA	IGET Legen Blueberry Blackberry Ice	Nicotine, Vanillin

Table 5: General Organic Screen by GCMS (Volatile Organic Compounds) for SSP83440

Lab No.	Sample Reference	Sample Description	Compounds detected
23KS935	1 KIRWIN	IGET Bar Strawberry Watermelon Ice	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Neomenthol, gamma-Decanolactone, Methyl-cinnamate, Methyl-dihydrojasmonate
23KS936	2 KIRWIN	Vorteke Melon	Propylene glycol, Glycerin, Nicotine (trace), 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, Isobutyl acetate, Ethyl lactate, 3-Hexene-1-ol, gamma-Decanolactone,
23KS937	3 WYNNUM	IGET Bar Strawberry Lemon Ice	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, 2-Methyl butyric acid, Dihydro-Terpineol, Alpha-Terpineol, gamma-Decanolactone, N-ethyl-Dodecamide
23KS938	4 WYNNUM	IGET Legend Passionfruit Watermelon Ice	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Neomenthol, gamma-Decanolactone,
23KS939	5 BELLARA	IGET Bar Grape Ice	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, Methyl anthranilate, Ethyl propanoate, Ethyl butanoate, 3-Hexene-1-ol, Phenethyl alcohol, Neomenthol, gamma-Decanolactone,

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83440
 Laboratory Number: [23KS935-941](#)

Table 5: General Organic Screen by GCMS (Volatile Organic Compounds) for SSP83440

Lab No.	Sample Reference	Sample Description	Compounds detected
23KS940	6 BELLARA	IGET Bar Kiwi Pineapple Ice	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, Methyl anthranilate, Ethyl butanoate, 3-Hexene-1-ol, 3-Hexenol acetate, Allyl caproate, N-Ethyl dodecamide
23KS941	7 BELLARA	IGET Legend Blueberry Blackberry Ice	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, Isoamyl acetate, 3-Hexene-1-ol

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83440
 Laboratory Number: 23KS935-941

Table 6: Results for Heavy Metal analysis#

Client Reference				1 KIRWAN	2 KIRWAN	3 WYNNUM	4 WYNNUM	5 BELLARA	6 BELLARA	7 BELLARA
Sample Type				liquid	liquid	liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				1707 04/04/2023	1712 04/04/2023	04/2023	04/2023	06/04/2023	06/04/2023	06/04/2023
Sample Description				IGET Bar Strawberry Watermelon Ice	Vorteke Melon	IGET Bar Strawberry Lemon Ice	IGET Legend Passionfruit Watermelon Ice	IGET Bar Grape Ice	IGET Bar Kiwi Pineapple Ice	IGET Legend Blueberry Blackberry Ice
Method	Vegetation ICP-MS analysis	Units	Reporting Limit	23KS935	23KS936	23KS937	23KS938	23KS939	23KS940	23KS941
12659	Aluminium	mg/kg	0.1	0.18	0.47	0.27	0.68	0.46	0.43	0.17
12659	Vanadium	mg/kg	0.01	0.032	0.039	0.1	0.11	0.1	0.09	0.12
12659	Chromium	mg/kg	0.01	0.021	0.1	0.011	0.019	0.024	0.031	< LOR
12659	Manganese	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Iron	mg/kg	0.1	< LOR	2.3	< LOR	< LOR	0.2	0.2	< LOR
12659	Cobalt	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Nickel	mg/kg	0.01	< LOR	0.1	< LOR	0.02	< LOR	< LOR	< LOR
12659	Copper	mg/kg	0.05	0.073	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Zinc	mg/kg	0.05	0.9	14	0.35	1.3	4.5	4.2	0.9
12659	Arsenic	mg/kg	0.005	0.011	0.018	0.013	0.019	0.016	0.012	0.02
12659	Selenium	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Strontium	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Molybdenum	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Silver	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Cadmium	mg/kg	0.005	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Tin	mg/kg	0.05	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Antimony	mg/kg	0.01	0.47	< LOR	< LOR	0.45	0.68	0.02	0.59
12659	Barium	mg/kg	0.01	< LOR	< LOR	< LOR	0.019	0.015	0.011	0.025
12659	Mercury	mg/kg	0.005	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Lead	mg/kg	0.005	< LOR	0.06	< LOR	< LOR	< LOR	< LOR	< LOR

Tobacco samples were prepared for analysis by microwave digestion in nitric acid according to method QIS12659v8 "Determination of Trace Elements in Foods by ICP-MS after Microwave Digestion". This method is applicable to the determination of trace elements (Al, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Se, Sr, Mo, Ag, Cd, Sn, Sb, Ba, Hg, Pb) in a wide variety of food samples, including plants. The resultant digest solution was then analysed by Triple Quadrupole Inductively Coupled - Mass Spectrometer (QQQ ICP-MS) for the aforementioned list of metals using instrument method QIS27441v5 "Determination of Trace Elements in Aqueous Solutions by ICP-MS". The Inorganic Chemistry laboratory is accredited by NATA as compliant with ISO/IEC17025 (2017) for methods QIS12659v8 and QIS12659v5. Tobacco is dried plant material and therefore aligns to herbs, vegetables and vegetable products which are included in the current scope of accreditation for the Inorganic Chemistry laboratory. Tobacco is therefore covered under the scope of accreditation.

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AMENDED CERTIFICATE OF ANALYSIS

CLIENT: QP Health & Environment Committee
 Queensland Parliament
 Alice St
 BRISBANE QLD 4000

ATTN: Aaron Harper MP

Laboratory Reference : SSP83440
Client Order Number : n/a
Quote Number : n/a
Client Project : n/a
Client Batch Reference : n/a
Date Received : 28-Apr-2023
Date Commenced : 1-May-2023
Laboratory Number/s : 23KS935-941

CC: Louise [REDACTED]

Submitting Authority : Queensland Parliament Health & Environment Committee

Number of Samples : Seven (7) e-cigarette devices

Reason for Analysis : Quantitation of nicotine
 Quantitation of compounds outlined in Subsection 7(3) Schedule 1 of the TGA document TGO 110
 Quantitation of carbonyl compounds
 Pesticide/Herbicide Screens
 Heavy metals screen

Method/s of Analysis : QIS34310 – Nicotine Analysis

QIS15506 - Qualitative and/or Quantitative Analysis using Liquid Chromatography Separation with Mass Spectrometer Detection

QIS12659 - Determination of Trace Elements in Foods by ICP-MS after Microwave Digestion

QIS12792 – Analysis of drugs by classical (Pharmacopeia), GC, GCMS, HPLC, UV/VIS HPLC/MS methods

Remarks : Sample details and results are summarised in Tables 1 - 6

s.73 - Irrelevant information

David P. [REDACTED]
 Senior Chemist, Organics Laboratory
 15th May 2023

DOH DISCLOSURE LOG

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Enquiries David F. [REDACTED]
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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83440
 Laboratory Number: 23KS935-941

Table 1: Nicotine Results for SSP83440

Lab No.	Sample Reference	Sample Description	Results (mg/kg)
23KS935	1 KIRWIN	IGET Bar Strawberry Watermelon Ice	45000
23KS936	2 KIRWIN	Vorteke Melon	< LOR
23KS937	3 WYNNUM	IGET Bar Strawberry Lemon Ice	54000
23KS938	4 WYNNUM	IGET Legend Passionfruit Watermelon Ice	52000
23KS939	5 BELLARA	IGET Bar Grape Ice	49000
23KS940	6 BELLARA	IGET Bar Kiwi Pineapple Ice	55000
23KS941	7 BELLARA	IGET Legend Blueberry Blackberry Ice	47000

Limit of Reporting (< LOR) – 200 mg/kg

SSP83440

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83440
 Laboratory Number: 23KS935-941

Table 2: Carbonyl results for SSP83440

Client Reference				1 KIRWAN	2 KIRWAN	3 WYNNUM	4 WYNNUM	5 BELLARA	6 BELLARA	7 BELLARA
Sample Type				liquid	liquid	liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				1707 04/04/2023	1712 04/04/2023	04/2023	04/2023	06/04/2023	06/04/2023	06/04/2023
Sample Description				IGET Bar Strawberry Watermelon Ice	Vorteke Melon	IGET Bar Strawberry Lemon Ice	IGET Legend Passionfruit Watermelon Ice	IGET Bar Grape Ice	IGET Bar Kiwi Pineapple Ice	IGET Legend Blueberry Blackberry Ice
Method	Analysis for drugs by GCMS	Units	Reporting Limit	23KS935	23KS936	23KS937	23KS938	23KS939	23KS940	23KS941
12792	Formaldehyde	mg/kg	20	37	30	54	28	47	40	23
12792	Acetaldehyde	mg/kg	20	46	79	48	101	50	460*	71
12792	Acrolein	mg/kg	20	130	41	88	150	220*	300*	220*
12792	Propionaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Hexaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Benzaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	p-Tolualdehyde	mg/kg	20	120	< LOR	140	< LOR	< LOR	< LOR	< LOR

* Above top calibration standard – estimate only

SSP83440

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83440
 Laboratory Number: 23KS935-941

Table 3: Results for TGO 110 compounds

Client Reference				1 KIRWAN	2 KIRWAN	3 WYNNUM	4 WYNNUM	5 BELLARA	6 BELLARA	7 BELLARA
Sample Type				liquid	liquid	liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				1707 04/04/2023	1712 04/04/2023	04/2023	04/2023	06/04/2023	06/04/2023	06/04/2023
Sample Description				IGET Bar Strawberry Watermelon Ice	Vorteke Melon	IGET Bar Strawberry Lemon Ice	IGET Legend Passionfruit Watermelon Ice	IGET Bar Grape Ice	IGET Bar Kiwi Pineapple Ice	IGET Legend Blueberry Blackberry Ice
Method	Analysis for drugs by GCMS	Units	Reporting Limit	23KS935	23KS936	23KS937	23KS938	23KS939	23KS940	23KS941
12792	Butyraldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	2,4-Butadione	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	2,3-Pentadione	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Acetoin	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Benzaldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Tolualdehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Cinnamaldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
15506*	Vitamin E acetate	mg/kg	50	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Ethylene glycol	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Diethylene glycol	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR

* Analysed by QIS 15506 - Qualitative and/or Quantitative Analysis using Liquid Chromatography Separation with Mass Spectrometer Detection (LC-Orbitrap)

SSP83440

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83440
 Laboratory Number: 23KS935-941

Table 4: General Organic Screen by LC-Orbitrap (Pesticides/Herbicides/Fungicides) for SSP83440

Lab No.	Sample Reference	Sample Description	Compounds detected
23KS935	1 KIRWIN	IGET Bar Strawberry Watermelon Ice	Nicotine, Vanillin
23KS936	2 KIRWIN	Vorteke Melon	Nicotine (trace), Vanillin
23KS937	3 WYNNUM	IGET Bar Strawberry Lemon Ice	Nicotine, Vanillin
23KS938	4 WYNNUM	IGET Legend Passionfruit Watermelon Ice	Nicotine, Vanillin
23KS939	5 BELLARA	IGET Bar Grape Ice	Nicotine, Vanillin
23KS940	6 BELLARA	IGET Bar Kiwi Pineapple Ice	Nicotine, Vanillin
23KS941	7 BELLARA	IGET Legen Blueberry Blackberry Ice	Nicotine, Vanillin

Table 5: General Organic Screen by GCMS (Volatile Organic Compounds) for SSP83440

Lab No.	Sample Reference	Sample Description	Compounds detected
23KS935	1 KIRWIN	IGET Bar Strawberry Watermelon Ice	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Neomenthol, gamma-Decanolactone, Methyl-cinnamate, Methyl-dihydrojasmonate
23KS936	2 KIRWIN	Vorteke Melon	Propylene glycol, Glycerin, Nicotine (trace), 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, Isobutyl acetate, Ethyl lactate, 3-Hexene-1-ol, gamma-Decanolactone,
23KS937	3 WYNNUM	IGET Bar Strawberry Lemon Ice	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, 2-Methyl butyric acid, Dihydro-Terpineol, Alpha-Terpineol, gamma-Decanolactone, N-ethyl-Dodecamide
23KS938	4 WYNNUM	IGET Legend Passionfruit Watermelon Ice	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Neomenthol, gamma-Decanolactone,
23KS939	5 BELLARA	IGET Bar Grape Ice	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, Methyl anthranilate, Ethyl propanoate, Ethyl butanoate, 3-Hexene-1-ol, Phenethyl alcohol, Neomenthol, gamma-Decanolactone,

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83440
Laboratory Number: 23KS935-941

Table 5: General Organic Screen by GCMS (Volatile Organic Compounds) for SSP83440

Lab No.	Sample Reference	Sample Description	Compounds detected
23KS940	6 BELLARA	IGET Bar Kiwi Pineapple Ice	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, Methyl anthranilate, Ethyl butanoate, 3-Hexene-1-ol, 3-Hexenol acetate, Allyl caproate, N-Ethyl dodecamide
23KS941	7 BELLARA	IGET Legend Blueberry Blackberry Ice	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, Isoamyl acetate, 3-Hexene-1-ol

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83440
 Laboratory Number: 23KS935-941

Table 6: Results for Heavy Metal analysis*

Client Reference				1 KIRWAN	2 KIRWAN	3 WYNNUM	4 WYNNUM	5 BELLARA	6 BELLARA	7 BELLARA
Sample Type				liquid	liquid	liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				1707 04/04/2023	1712 04/04/2023	04/2023	04/2023	06/04/2023	06/04/2023	06/04/2023
Sample Description				IGET Bar Strawberry Watermelon Ice	Vorteke Melon	IGET Bar Strawberry Lemon Ice	IGET Legend Passionfruit Watermelon Ice	IGET Bar Grape Ice	IGET Bar Kiwi Pineapple Ice	IGET Legend Blueberry Blackberry Ice
Method	Vegetation ICP-MS analysis	Units	Reporting Limit	23KS935	23KS936	23KS937	23KS938	23KS939	23KS940	23KS941
12659	Aluminium	mg/kg	0.1	0.18	0.47	0.27	0.68	0.46	0.43	0.17
12659	Vanadium	mg/kg	0.01	0.032	0.039	0.1	0.11	0.1	0.09	0.12
12659	Chromium	mg/kg	0.01	0.021	0.1	0.011	0.019	0.024	0.031	< LOR
12659	Manganese	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Iron	mg/kg	0.1	< LOR	2.3	< LOR	< LOR	0.2	0.2	< LOR
12659	Cobalt	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Nickel	mg/kg	0.01	< LOR	0.1	< LOR	0.02	< LOR	< LOR	< LOR
12659	Copper	mg/kg	0.05	0.073	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Zinc	mg/kg	0.05	0.9	14	0.35	1.3	4.5	4.2	0.9
12659	Arsenic	mg/kg	0.005	0.011	0.018	0.013	0.019	0.016	0.012	0.02
12659	Selenium	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Strontium	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Molybdenum	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Silver	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Cadmium	mg/kg	0.005	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Tin	mg/kg	0.05	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Antimony	mg/kg	0.01	0.47	< LOR	< LOR	0.45	0.68	0.02	0.59
12659	Barium	mg/kg	0.01	< LOR	< LOR	< LOR	0.019	0.015	0.011	0.025
12659	Mercury	mg/kg	0.005	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Lead	mg/kg	0.005	< LOR	0.06	< LOR	< LOR	< LOR	< LOR	< LOR

* Tobacco samples were prepared for analysis by microwave digestion in nitric acid according to method QIS12659v8 "Determination of Trace Elements in Foods by ICP-MS after Microwave Digestion". This method is applicable to the determination of trace elements (Al, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Se, Sr, Mo, Ag, Cd, Sn, Sb, Ba, Hg, Pb) in a wide variety of food samples, including plants. The resultant digest solution was then analysed by Triple Quadrupole Inductively Coupled - Mass Spectrometer (QQQ ICP-MS) for the aforementioned list of metals using instrument method QIS27441v5 "Determination of Trace Elements in Aqueous Solutions by ICP-MS". The Inorganic Chemistry laboratory is accredited by NATA as compliant with ISO/IEC17025 (2017) for methods QIS12659v8 and QIS12659v5. Tobacco is dried plant material and therefore aligns to herbs, vegetables and vegetable products which are included in the current scope of accreditation for the Inorganic Chemistry laboratory. Tobacco is therefore covered under the scope of accreditation.

SSP83440

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David W [REDACTED]

From: David P [REDACTED]
Sent: Monday, 15 May 2023 3:08 PM
To: Jim [REDACTED] s.73 - Irrelevant information; Ri [REDACTED] s.73 - Irrelevant information
Subject: RE: Reports for e-cigarette fluids
Attachments: SSP83249_QH_EnvHazUnit_NicotineTGAPestMetals.docx; SSP83249_QH_EnvHazUnit_NicotineTGAPestMetals.pdf

G'day Jim, Ri [REDACTED] s.73 - Irrelevant information

Please find attached the report for the ten samples we've selected for analysis.

It hasn't yet been peer reviewed so there a chance it may be amended but it will only corrected for typos, the data will remain the same.

I'll write a summary of what was done tomorrow.

Cheers,

David

From: Jim [REDACTED] s.73 - Irrelevant information @health.qld.gov.au>
Sent: Monday, 15 May 2023 10:41 AM
To: David P [REDACTED] s.73 - Irrelevant information @health.qld.gov.au>; Ri [REDACTED] s.73 - Irrelevant information @health.qld.gov.au>
Subject: RE: Reports for e-cigarette fluids

Hi David, is it possible to get the lab results in an excel spreadsheet form?

Cheers Jim

From: David P [REDACTED] s.73 - Irrelevant information @health.qld.gov.au>
Sent: Monday, 15 May 2023 9:57 AM
To: Jim [REDACTED] s.73 - Irrelevant information @health.qld.gov.au>; Rebecca [REDACTED] s.73 - Irrelevant information - Irrelevant information @health.qld.gov.au>
Subject: RE: Reports for e-cigarette fluids

G'day Jim,

Yes I'm working on it now. I didn't end up coming in yesterday... I'll get it to you around midday.

Cheers,

David

From: Jim [REDACTED] s.73 - Irrelevant information @health.qld.gov.au>
Sent: Monday, 15 May 2023 9:53 AM
To: David P [REDACTED] s.73 - Irrelevant information @health.qld.gov.au>; Rebecca [REDACTED] s.73 - Irrelevant information @health.qld.gov.au>
Subject: RE: Reports for e-cigarette fluids

Morning David, thanks for the lab report. From the sounds of it you'll have the second lab report to us soon.

Re: your question re: summarising the lab report into a “more digestible form” yes we will do that, Ri ^{s.73 - Irrelevant information}s working on it.

Cheers Jim

From: David P ^{s.73 - Irrelevant information} [@health.qld.gov.au](mailto:David.P@health.qld.gov.au)>
Sent: Friday, 12 May 2023 2:52 PM
To: Rebecca ^{s.73 - Irrelevant information} ^{s.73 - Irrelevant information} [@health.qld.gov.au](mailto:Rebecca@health.qld.gov.au)>; Jim ^{s.73 - Irrelevant information} ^{s.73 - Irrelevant information} [health.qld.gov.au](mailto:Jim@health.qld.gov.au)>
Subject: RE: Reports for e-cigarette fluids

G'day Jim, Rebecca,

Please find attached the report for the samples taken for the QP Health and Environment Committee. The LORs for some of the analyses are higher than usual as I haven't had time to run them are lower dilutions – if that's preferred/required I can do that next week.

I'll get the other report to you over the weekend along with the updated results for carbonyl analysis.

Have a good weekend.

Cheers,

David

From: Rebecca ^{s.73 - Irrelevant information} ^{s.73 - Irrelevant information} [health.qld.gov.au](mailto:Rebecca@health.qld.gov.au)>
Sent: Friday, 12 May 2023 1:49 PM
To: David P ^{s.73 - Irrelevant information} ^{s.73 - Irrelevant information} [health.qld.gov.au](mailto:David.P@health.qld.gov.au)>; Jim ^{s.73 - Irrelevant information} ^{s.73 - Irrelevant information} [health.qld.gov.au](mailto:Jim@health.qld.gov.au)>
Subject: Re: Reports for e-cigarette fluids

Hello David,

It's ok first things monday is fine, I don't want to ask you to come in on the weekend.

Thanks for your assistance with this

Best regards
 Rebecca

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From: David P ^{s.73 - Irrelevant information} [health.qld.gov.au](mailto:David.P@health.qld.gov.au)>
Sent: Friday, May 12, 2023 1:43:31 PM
To: Rebecca ^{s.73 - Irrelevant information} ^{s.73 - Irrelevant information} [health.qld.gov.au](mailto:Rebecca@health.qld.gov.au)>; Jim ^{s.73 - Irrelevant information} ^{s.73 - Irrelevant information} [health.qld.gov.au](mailto:Jim@health.qld.gov.au)>
Subject: RE: Reports for e-cigarette fluids

Hello Rebecca, Jim,

Sorry about this but I won't be able to produce both reports today. I'm going through the GCMS screening data for the e-fluids and it's more work than I'd anticipated. I'm afraid I need to leave early today at 3pm and can't get back.

I'll have the report for the samples taken for Aaron Harper MP done this afternoon but there'll be a delay for the other with the ten samples I've selected. The reports will be qualitatively similar with some differences in the volatile GCMS screens.

I'll come in Sunday morning to finish and email the second report. The second analysis for the aldehydes will be finished by then so will be able to update the data for both at that time as well.

Let me know if that's a problem as I can come in tomorrow if required.

David

From: Rebecca [s.73 - Irrelevant information] [s.73 - Irrelevant information] <[redacted]@health.qld.gov.au>
Sent: Friday, 12 May 2023 10:30 AM
To: David P [s.73 - Irrelevant information] <[redacted]@health.qld.gov.au>; Jim [s.73 - Irrelevant information] [s.73 - Irrelevant information] <[redacted]@health.qld.gov.au>
Subject: Re: Reports for e-cigarette fluids

Thanks David. I really appreciate the further analysis.

Jim, I will draft the associated brief and letter and update with results when you have the report drafted.

I will check back in on Monday with you all.

Cheers
 Rebecca

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From: David P [s.73 - Irrelevant information] <[redacted]@health.qld.gov.au>
Sent: Friday, May 12, 2023 10:11:02 AM
To: Jim [s.73 - Irrelevant information] [s.73 - Irrelevant information] <[redacted]@health.qld.gov.au>; Rebecca [s.73 - Irrelevant information] [s.73 - Irrelevant information] <[redacted]@health.qld.gov.au>
Subject: Reports for e-cigarette fluids

G'day Jim, Rebecca,

As per our conversation this morning Rebecca, I'll release two reports today; one for the samples taken on behalf of Aaron Harper MP and the other for the ten selected samples we've previously analysed. These may be amended early next week when I rerun the carbonyl analysis at lower dilution. The amendments if required will be for that section of the report only.

Jim, the report contact I have for the QP Health & Environment Committee samples is Louise O'Neil of Qld Health Cabinet and Parliamentary Services, do you want it sent to her as well or will you be summarising it into a more digestible form and handing it on?

Cheers,

David

DOH DISCLOSURE LOG



David P

Senior Chemist

Organics Laboratory

Forensic and Scientific Services

Prevention Division Queensland Health

p s.73 - Irrelevant information

a 39 Kessels Road Coopers Plains Qld 4108

e s.73 - Irrelevant information @health.qld.gov.au **w** www.health.qld.gov.au/fss

Queensland Health acknowledges the Traditional Owners of the land, and pays respect to Elders past, present and emerging.

RTI Release

DOH DISCLOSURE LOG

CERTIFICATE OF ANALYSIS

CLIENT:	QH – Environmental Hazards Unit 16 Butterfield St HERSTON QLD 4006 ATTN: Jim [REDACTED]	Laboratory Reference : SSP83249 Client Order Number : n/a Quote Number : n/a Client Project : n/a Client Batch Reference : n/a Date Received : 13-Apr-2023 Date Commenced : 13-Apr-2023 Laboratory Number/s : 23KS870-879
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CC:

Submitting Authority : Queensland Health Environmental Hazards unit

Number of Samples : Ten (10) e-cigarette devices

Reason for Analysis : Quantitation of nicotine
Quantitation of compounds outlined in Subsection 7(3) Schedule 1 of the TGA document TGO 110
Quantitation of carbonyl compounds
Pesticide/Herbicide Screens
Heavy metals screen

Method/s of Analysis : QIS34310 – Nicotine Analysis

QIS15506 - Qualitative and/or Quantitative Analysis using Liquid Chromatography Separation with Mass Spectrometer Detection

QIS12659 - Determination of Trace Elements in Foods by ICP-MS after Microwave Digestion

QIS12792 – Analysis of drugs by classical (Pharmacopeia), GC, GCMS, HPLC, UV/VIS HPLC/MS methods

Remarks : Sample details and results are summarised in Tables 1 - 6

.....
David P [REDACTED]
Senior Chemist, Organics Laboratory
15th May 2023

DOH DISCLOSURE LOG

SSP83249

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Enquiries **David P [REDACTED]**
Phone **s.73 - Irrelevant information**
Email **s.73 - Irrelevant information** health.qld.gov.au

39 Kessels Road
Coopers Plains QLD 4108
AUSTRALIA

PO Box 594
Archerfield QLD 4108
AUSTRALIA

Phone (+61 7) 3096 2990
Fax (+61 7) 3096 2977
Email FSS@health.qld.gov.au

CERTIFICATE OF ANALYSIS

CLIENT:	QH – Environmental Hazards Unit 16 Butterfield St HERSTON QLD 4006 ATTN: Jim [REDACTED]	Laboratory Reference : SSP83249 Client Order Number : n/a Quote Number : n/a Client Project : n/a Client Batch Reference : n/a Date Received : 13-Apr-2023 Date Commenced : 13-Apr-2023 Laboratory Number/s : 23KS870-879
CC:		

Submitting Authority : Queensland Health Environmental Hazards unit

Number of Samples : Ten (10) e-cigarette devices

Reason for Analysis : Quantitation of nicotine
Quantitation of compounds outlined in Subsection 7(3) Schedule 1 of the TGA document TGO 110
Quantitation of carbonyl compounds
Pesticide/Herbicide Screens
Heavy metals screen

Method/s of Analysis : QIS34310 – Nicotine Analysis

QIS15506 - Qualitative and/or Quantitative Analysis using Liquid Chromatography Separation with Mass Spectrometer Detection

QIS12659 - Determination of Trace Elements in Foods by ICP-MS after Microwave Digestion

QIS12792 – Analysis of drugs by classical (Pharmacopeia), GC, GCMS, HPLC, UV/VIS HPLC/MS methods

Remarks : Sample details and results are summarised in Tables 1 - 6

s.73 - Irrelevant information

David F [REDACTED]
Senior Chemist, Organics Laboratory
15th May 2023

DOH DISCLOSURE LOG

SSP83249

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83249
 Laboratory Number: 23KS870-879

Table 1: Nicotine Results for SSP83249

Lab No.	Sample Reference	Sample Description	Results (mg/kg)
23KS870	22KS5561	HQD Cuvie Plus - Strawberry Watermelon	38000
23KS871	22KS5570	HQD Cuvie Plus - Passionfruit	44000
23KS872	22KS6288	IGET Bar - Peach Ice - 3500 puffs	37000
23KS873	22KS6292	IGET Bar - Blackberry Ice - 3500 puffs	33000
23KS874	22KS6328	IGET XXL - Lush Ice - 1800 puffs	< LOR
23KS875	23KS297	IGET Goat - Cherry Ice - 5000 puffs	28000
23KS876	23KS298	Gunnpod Meta - Grape Ice - 4500 puffs	30000
23KS877	23KS299	Gunnpod Wave - Summer Breeze - 3500 puffs	12000
23KS878	23KS301	IGET Mega - Strawberry Banana Ice - 3000 puffs	35000
23KS879	23KS313	Waka Smash - Apple surge - 6000 puffs	30000

Limit of Reporting (< LOR) – 200 mg/kg

DOH DISCLOSURE LOG

SSP83249

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83249
 Laboratory Number: 23KS870-879

Table 2: Carbonyl results for SSP83249

Client Reference				22KS5561	22KS5570	22KS6288	22KS6292	22KS6328
Sample Type				liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				n/a	n/a	n/a	n/a	n/a
Sample Description				HQD Cuvie Plus - Strawberry Watermelon	HQD Cuvie Plus - Passionfruit	IGET Bar - Peach Ice - 3500 puffs	IGET Bar - Blackberry Ice - 3500 puffs	IGET XXL - Lush Ice - 1800 puffs
Method	Analysis for drugs by GCMS	Units	Reporting Limit	23KS870	23KS871	23KS872	23KS873	23KS874
12792	Formaldehyde	mg/kg	20	220*	160	210	120	180
12792	Acetaldehyde	mg/kg	20	190	200	32	31	46
12792	Acrolein	mg/kg	20	35	36	21	20	25
12792	Propionaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Hexaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Benzaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR
12792	p-Tolualdehyde	mg/kg	20	66	29	70	< LOR	< LOR

Table 2: Carbonyl results for SSP83249

Client Reference				23KS297	23KS298	23KS299	23KS301	23KS313
Sample Type				liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				n/a	n/a	n/a	n/a	n/a
Sample Description				IGET Goat - Cherry Ice - 5000 puffs	Gunnpod Meta - Grape Ice - 4500 puffs	Gunnpod Wave - Summer Breeze - 3500 puffs	IGET Mega - Strawberry Banana Ice - 3000 puffs	Waka Smash - Apple surge - 6000 puffs
Method	Analysis for drugs by GCMS	Units	Reporting Limit	23KS875	23KS876	23KS877	23KS878	23KS879
12792	Formaldehyde	mg/kg	20	130	190	140	380*	130
12792	Acetaldehyde	mg/kg	20	26	110	120	250	70
12792	Acrolein	mg/kg	20	< LOR	44	49	37	48
12792	Propionaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Hexaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Benzaldehyde	mg/kg	20	< LOR	< LOR	28	< LOR	66
12792	p-Tolualdehyde	mg/kg	20	680*	67	< LOR	76	< LOR

* Above top calibration standard – estimate only

DOH DISCLOSURE LOG

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83249
 Laboratory Number: 23KS870-879

Table 3: Results for TGO 110 compounds

Client Reference				22KS5561	22KS5570	22KS6288	22KS6292	22KS6328
Sample Type				liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				n/a	n/a	n/a	n/a	n/a
Sample Description				HQD Cuvie Plus - Strawberry Watermelon	HQD Cuvie Plus - Passionfruit	IGET Bar - Peach Ice - 3500 puffs	IGET Bar - Blackberry Ice - 3500 puffs	IGET XXL - Lush Ice - 1800 puffs
Method	Analysis for drugs by GCMS	Units	Reporting Limit	23KS870	23KS871	23KS872	23KS873	23KS874
12792	Butyraldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	2,4-Butadione	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	2,3-Pentadione	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Acetoin	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Benzaldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Tolualdehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Cinnamaldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
15506*	Vitamin E acetate	mg/kg	50	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Ethylene glycol	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Diethylene glycol	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR

Table 3: Results for TGO 110 compounds

Client Reference				23KS297	23KS298	23KS299	23KS301	23KS313
Sample Type				liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				n/a	n/a	n/a	n/a	n/a
Sample Description				IGET Goat - Cherry Ice - 5000 puffs	Gunnpod Meta - Grape Ice - 4500 puffs	Gunnpod Wave - Summer Breeze - 3500 puffs	IGET Mega - Strawberry Banana Ice - 3000 puffs	Waka Smash - Apple surge - 6000 puffs
Method	Analysis for drugs by GCMS	Units	Reporting Limit	23KS875	23KS876	23KS877	23KS878	23KS879
12792	Butyraldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	2,4-Butadione	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	2,3-Pentadione	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Acetoin	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Benzaldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Tolualdehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Cinnamaldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
15506*	Vitamin E acetate	mg/kg	50	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Ethylene glycol	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Diethylene glycol	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR

* Analysed by QIS 15506 - Qualitative and/or Quantitative Analysis using Liquid Chromatography Separation with Mass Spectrometer Detection (LC-Orbitrap)

DOH DISCLOSURE LOG

SSP83249

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83249

Laboratory Number: 23KS870-879

Table 4: General Organic Screen by LC-Orbitrap (Pesticides/Herbicides/Fungicides) for SSP83249

Lab No.	Sample Reference	Sample Description	Compounds detected
23KS870	22KS5561	HQD Cuvie Plus - Strawberry Watermelon	Nicotine
23KS871	22KS5570	HQD Cuvie Plus - Passionfruit	Nicotine
23KS872	22KS6288	IGET Bar - Peach Ice - 3500 puffs	Nicotine
23KS873	22KS6292	IGET Bar - Blackberry Ice - 3500 puffs	Nicotine
23KS874	22KS6328	IGET XXL - Lush Ice - 1800 puffs	Nil
23KS875	23KS297	IGET Goat - Cherry Ice - 5000 puffs	Nicotine
23KS876	23KS298	Gunnpod Meta - Grape Ice - 4500 puffs	Nicotine
23KS877	23KS299	Gunnpod Wave - Summer Breeze - 3500 puffs	Nicotine
23KS878	23KS301	IGET Mega - Strawberry Banana Ice - 3000 puffs	Nicotine
23KS879	23KS313	Waka Smash - Apple surge - 6000 puffs	Nicotine

SSP83249

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83249

Laboratory Number: 23KS870-879

Table 5: General Organic Screen by GCMS (Volatile Organic Compounds) for SSP83249

Lab No.	Sample Reference	Sample Description	Compounds detected
23KS870	22KS5561	HQD Cuvie Plus - Strawberry Watermelon	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Ethyl Maltol, Methyl Cinnamate, Gamma-decanolactone, Hedione
23KS871	22KS5570	HQD Cuvie Plus - Passionfruit	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Gamma-decanolactone
23KS872	22KS6288	IGET Bar - Peach Ice - 3500 puffs	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, Neomenthol, Gamma-decanolactone, Gamma-heptylbutyrolactone
23KS873	22KS6292	IGET Bar - Blackberry Ice - 3500 puffs	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, 1,2-Propanediol-1-acetate, Neomenthol, Hydrocinnamic acid, Gamma-heptylbutyrolactone
23KS874	22KS6328	IGET XXL - Lush Ice - 1800 puffs	Propylene glycol, Glycerin, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Vanillin, Gamma-decanolactone, Hedione
23KS875	23KS297	IGET Goat - Cherry Ice - 5000 puffs	Propylene glycol, Glycerin, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Benzaldehyde, Neomenthol, Benzaldehyde propylene glycol acetal, 4-Acetylanisole,
23KS876	23KS298	Gunnpod Meta - Grape Ice - 4500 puffs	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, Ethyl butyrate, 3-Hexene-1-ol, Menthol, Ethyl Maltol, Methyl Anthranilate, Methyl Methanthranilate, Gamma-decanolactone, N-ethyl Dodecanamide
23KS877	23KS299	Gunnpod Wave - Summer Breeze - 3500 puffs	Propylene glycol, Glycerin, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Methylbutyric acid, Butoxyethanol, Ethyl Maltol, Gamma-decanolactone
23KS878	23KS301	IGET Mega - Strawberry Banana Ice - 3000 puffs	Propylene glycol, Glycerin, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Banana oil, Neomenthol, Ethyl Maltol, Gamma-decanolactone
23KS879	23KS313	Waka Smash - Apple surge - 6000 puffs	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, Ethyl butyrate, 3-Hexene-1-ol, Banana oil, Hexyl alcohol, Hexyl caproate, Isoamyl butanoate, Ethyl succinate, Benzyl acetate, Methyl cinnamate, Vanillin, Isopropyl cinnamate, Ethyl vanillin, Gamma-heptylbutyrolactone

SSP83249

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83249

Laboratory Number: 23KS870-879

Table 6: Results for Heavy Metal analysis*

Client Reference				22KS5561	22KS5570	22KS6288	22KS6292	22KS6328
Sample Type				liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				n/a	n/a	n/a	n/a	n/a
Sample Description				HQD Cuvie Plus - Strawberry Watermelon	HQD Cuvie Plus - Passionfruit	IGET Bar - Peach Ice - 3500 puffs	IGET Bar - Blackberry Ice - 3500 puffs	IGET XXL - Lush Ice - 1800 puffs
Method	Vegetation ICP-MS analysis	Units	Reporting Limit	23KS870	23KS871	23KS872	23KS873	23KS874
12659	Aluminium	mg/kg	0.1	0.29	0.24	0.57	0.13	0.8
12659	Vanadium	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Chromium	mg/kg	0.01	0.059	0.079	0.079	0.083	0.12
12659	Manganese	mg/kg	0.01	0.047	0.04	0.037	0.02	0.015
12659	Iron	mg/kg	0.1	0.33	0.36	0.8	0.34	0.52
12659	Cobalt	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Nickel	mg/kg	0.01	0.049	0.061	0.038	0.017	0.09
12659	Copper	mg/kg	0.05	< LOR	0.05	0.21	0.13	0.62
12659	Zinc	mg/kg	0.05	1.4	1.1	1.4	1.2	1.2
12659	Arsenic	mg/kg	0.005	0.025	0.049	0.052	0.053	0.049
12659	Selenium	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Strontium	mg/kg	0.01	0.03	0.02	0.03	0.01	0.01
12659	Molybdenum	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Silver	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Cadmium	mg/kg	0.005	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Tin	mg/kg	0.05	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Antimony	mg/kg	0.01	0.49	0.53	0.55	0.82	0.67
12659	Barium	mg/kg	0.01	0.022	0.013	0.031	0.011	0.015
12659	Mercury	mg/kg	0.005	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Lead	mg/kg	0.005	< LOR	0.012	0.005	0.009	< LOR

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83249

Laboratory Number: 23KS870-879

Table 6: Results for Heavy Metal analysis (con't)[#]

Client Reference				23KS297	23KS298	23KS299	23KS301	23KS313
Sample Type				liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				n/a	n/a	n/a	n/a	n/a
Sample Description				IGET Goat - Cherry Ice - 5000 puffs	Gunnpod Meta - Grape Ice - 4500 puffs	Gunnpod Wave - Summer Breeze - 3500 puffs	IGET Mega - Strawberry Banana Ice - 3000 puffs	Waka Smash - Apple surge - 6000 puffs
Method	Vegetation ICP-MS analysis	Units	Reporting Limit	23KS875	23KS876	23KS877	23KS878	23KS879
12659	Aluminium	mg/kg	0.1	< LOR	0.11	< LOR	3.1	< LOR
12659	Vanadium	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Chromium	mg/kg	0.01	0.064	0.089	0.077	0.082	0.083
12659	Manganese	mg/kg	0.01	0.023	0.027	0.13	0.028	0.026
12659	Iron	mg/kg	0.1	0.19	0.59	0.47	2	0.57
12659	Cobalt	mg/kg	0.01	< LOR	0.027	< LOR	< LOR	< LOR
12659	Nickel	mg/kg	0.01	0.015	0.41	0.47	1.2	0.037
12659	Copper	mg/kg	0.05	< LOR	28	0.85	71	< LOR
12659	Zinc	mg/kg	0.05	3.6	22	3.2	63	1.6
12659	Arsenic	mg/kg	0.005	0.052	0.046	0.062	0.06	0.081
12659	Selenium	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Strontium	mg/kg	0.01	< LOR	< LOR	0.02	0.02	0.03
12659	Molybdenum	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Silver	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Cadmium	mg/kg	0.005	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Tin	mg/kg	0.05	< LOR	0.29	< LOR	1.2	< LOR
12659	Antimony	mg/kg	0.01	0.04	0.89	0.64	0.92	0.05
12659	Barium	mg/kg	0.01	0.01	0.016	0.061	0.023	0.022
12659	Mercury	mg/kg	0.005	< LOR	< LOR	< LOR	0.013	< LOR
12659	Lead	mg/kg	0.005	< LOR	2.4	< LOR	8.8	< LOR

[#] Tobacco samples were prepared for analysis by microwave digestion in nitric acid according to method QIS12659v8 "Determination of Trace Elements in Foods by ICP-MS after Microwave Digestion". This method is applicable to the determination of trace elements (Al, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Se, Sr, Mo, Ag, Cd, Sn, Sb, Ba, Hg, Pb) in a wide variety of food samples, including plants. The resultant digest solution was then analysed by Triple Quadrupole Inductively Coupled - Mass Spectrometer (QQQ ICP-MS) for the aforementioned list of metals using instrument method QIS27441v5 "Determination of Trace Elements in Aqueous Solutions by ICP-MS". The Inorganic Chemistry laboratory is accredited by NATA as compliant with ISO/IEC17025 (2017) for methods QIS12659v8 and QIS12659v5. Tobacco is dried plant material and therefore aligns to herbs, vegetables and vegetable products which are included in the current scope of accreditation for the Inorganic Chemistry laboratory. Tobacco is therefore covered under the scope of accreditation.

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CERTIFICATE OF ANALYSIS

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Table 1: Nicotine Results for SSP83249

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23KS874	22KS6328	IGET XXL - Lush Ice - 1800 puffs	< LOR
23KS875	23KS297	IGET Goat - Cherry Ice - 5000 puffs	28000
23KS876	23KS298	Gunnpod Meta - Grape Ice - 4500 puffs	30000
23KS877	23KS299	Gunnpod Wave - Summer Breeze - 3500 puffs	12000
23KS878	23KS301	IGET Mega - Strawberry Banana Ice - 3000 puffs	35000
23KS879	23KS313	Waka Smash - Apple surge - 6000 puffs	30000

Limit of Reporting (< LOR) – 200 mg/kg

DOH DISCLOSURE LOG**SSP83249**

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83249
 Laboratory Number: 23KS870-879

Table 2: Carbonyl results for SSP83249

Client Reference				22KS5561	22KS5570	22KS6288	22KS6292	22KS6328
Sample Type				liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				n/a	n/a	n/a	n/a	n/a
Sample Description				HQD Cuvie Plus - Strawberry Watermelon	HQD Cuvie Plus - Passionfruit	IGET Bar - Peach Ice - 3500 puffs	IGET Bar - Blackberry Ice - 3500 puffs	IGET XXL - Lush Ice - 1800 puffs
Method	Analysis for drugs by GCMS	Units	Reporting Limit	23KS870	23KS871	23KS872	23KS873	23KS874
12792	Formaldehyde	mg/kg	20	220*	160	210	120	180
12792	Acetaldehyde	mg/kg	20	190	200	32	31	46
12792	Acrolein	mg/kg	20	35	36	21	20	25
12792	Propionaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Hexaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Benzaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR
12792	p-Tolualdehyde	mg/kg	20	66	29	70	< LOR	< LOR

Table 2: Carbonyl results for SSP83249 (con't)

Client Reference				23KS297	23KS298	23KS299	23KS301	23KS313
Sample Type				liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				n/a	n/a	n/a	n/a	n/a
Sample Description				IGET Goat - Cherry Ice - 5000 puffs	Gunnpod Meta - Grape Ice - 4500 puffs	Gunnpod Wave - Summer Breeze - 3500 puffs	IGET Mega - Strawberry Banana Ice - 3000 puffs	Waka Smash - Apple surge - 6000 puffs
Method	Analysis for drugs by GCMS	Units	Reporting Limit	23KS875	23KS876	23KS877	23KS878	23KS879
12792	Formaldehyde	mg/kg	20	130	190	140	380*	130
12792	Acetaldehyde	mg/kg	20	26	110	120	250	70
12792	Acrolein	mg/kg	20	< LOR	44	49	37	48
12792	Propionaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Hexaldehyde	mg/kg	20	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Benzaldehyde	mg/kg	20	< LOR	< LOR	28	< LOR	66
12792	p-Tolualdehyde	mg/kg	20	680*	67	< LOR	76	< LOR

* Above top calibration standard – estimate only

DOH DISCLOSURE LOG

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83249
 Laboratory Number: 23KS870-879

Table 3: Results for TGO 110 compounds

Client Reference				22KS5561	22KS5570	22KS6288	22KS6292	22KS6328
Sample Type				liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				n/a	n/a	n/a	n/a	n/a
Sample Description				HQD Cuvie Plus - Strawberry Watermelon	HQD Cuvie Plus - Passionfruit	IGET Bar - Peach Ice - 3500 puffs	IGET Bar - Blackberry Ice - 3500 puffs	IGET XXL - Lush Ice - 1800 puffs
Method	Analysis for drugs by GCMS	Units	Reporting Limit	23KS870	23KS871	23KS872	23KS873	23KS874
12792	Butyraldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	2,4-Butadione	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	2,3-Pentadione	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Acetoin	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Benzaldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Tolualdehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Cinnamaldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
15506*	Vitamin E acetate	mg/kg	50	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Ethylene glycol	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Diethylene glycol	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR

Table 3: Results for TGO 110 compounds (con't)

Client Reference				23KS297	23KS298	23KS299	23KS301	23KS313
Sample Type				liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				n/a	n/a	n/a	n/a	n/a
Sample Description				IGET Goat - Cherry Ice - 5000 puffs	Gunnpod Meta - Grape Ice - 4500 puffs	Gunnpod Wave - Summer Breeze - 3500 puffs	IGET Mega - Strawberry Banana Ice - 3000 puffs	Waka Smash - Apple surge - 6000 puffs
Method	Analysis for drugs by GCMS	Units	Reporting Limit	23KS875	23KS876	23KS877	23KS878	23KS879
12792	Butyraldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	2,4-Butadione	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	2,3-Pentadione	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Acetoin	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Benzaldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Tolualdehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Cinnamaldehyde	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
15506*	Vitamin E acetate	mg/kg	50	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Ethylene glycol	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR
12792	Diethylene glycol	mg/kg	2000	< LOR	< LOR	< LOR	< LOR	< LOR

* Analysed by QIS 15506 - Qualitative and/or Quantitative Analysis using Liquid Chromatography Separation with Mass Spectrometer Detection (LC-Orbitrap)

DOH DISCLOSURE LOG

SSP83249

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83249

Laboratory Number: 23KS870-879

Table 4: General Organic Screen by LC-Orbitrap (Pesticides/Herbicides/Fungicides) for SSP83249

Lab No.	Sample Reference	Sample Description	Compounds detected
23KS870	22KS5561	HQD Cuvie Plus - Strawberry Watermelon	Nicotine
23KS871	22KS5570	HQD Cuvie Plus - Passionfruit	Nicotine
23KS872	22KS6288	IGET Bar - Peach Ice - 3500 puffs	Nicotine
23KS873	22KS6292	IGET Bar - Blackberry Ice - 3500 puffs	Nicotine
23KS874	22KS6328	IGET XXL - Lush Ice - 1800 puffs	Nil
23KS875	23KS297	IGET Goat - Cherry Ice - 5000 puffs	Nicotine
23KS876	23KS298	Gunnpod Meta - Grape Ice - 4500 puffs	Nicotine
23KS877	23KS299	Gunnpod Wave - Summer Breeze - 3500 puffs	Nicotine
23KS878	23KS301	IGET Mega - Strawberry Banana Ice - 3000 puffs	Nicotine
23KS879	23KS313	Waka Smash - Apple surge - 6000 puffs	Nicotine

SSP83249

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83249

Laboratory Number: 23KS870-879

Table 5: General Organic Screen by GCMS (Volatile Organic Compounds) for SSP83249

Lab No.	Sample Reference	Sample Description	Compounds detected
23KS870	22KS5561	HQD Cuvie Plus - Strawberry Watermelon	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Ethyl Maltol, Methyl Cinnamate, Gamma-decanolactone, Hedione
23KS871	22KS5570	HQD Cuvie Plus - Passionfruit	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Gamma-decanolactone
23KS872	22KS6288	IGET Bar - Peach Ice - 3500 puffs	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, Neomenthol, Gamma-decanolactone, Gamma-heptylbutyrolactone
23KS873	22KS6292	IGET Bar - Blackberry Ice - 3500 puffs	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, 1,2-Propanediol-1-acetate, Neomenthol, Hydrocinnamic acid, Gamma-heptylbutyrolactone
23KS874	22KS6328	IGET XXL - Lush Ice - 1800 puffs	Propylene glycol, Glycerin, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Vanillin, Gamma-decanolactone, Hedione
23KS875	23KS297	IGET Goat - Cherry Ice - 5000 puffs	Propylene glycol, Glycerin, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Benzaldehyde, Neomenthol, Benzaldehyde propylene glycol acetal, 4-Acetylanisole,
23KS876	23KS298	Gunnpod Meta - Grape Ice - 4500 puffs	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, Ethyl butyrate, 3-Hexene-1-ol, Menthol, Ethyl Maltol, Methyl Anthranilate, Methyl Methanthranilate, Gamma-decanolactone, N-ethyl Dodecanamide
23KS877	23KS299	Gunnpod Wave - Summer Breeze - 3500 puffs	Propylene glycol, Glycerin, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Methylbutyric acid, Butoxyethanol, Ethyl Maltol, Gamma-decanolactone
23KS878	23KS301	IGET Mega - Strawberry Banana Ice - 3000 puffs	Propylene glycol, Glycerin, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, 3-Hexene-1-ol, Banana oil, Neomenthol, Ethyl Maltol, Gamma-decanolactone
23KS879	23KS313	Waka Smash - Apple surge - 6000 puffs	Propylene glycol, Glycerin, Nicotine, 2-Isopropyl-N,2,3-trimethylbutanamide (WS-23), Benzoic acid, Ethyl butyrate, 3-Hexene-1-ol, Banana oil, Hexyl alcohol, Hexyl caproate, Isoamyl butanoate, Ethyl succinate, Benzyl acetate, Methyl cinnamate, Vanillin, Isopropyl cinnamate, Ethyl vanillin, Gamma-heptylbutyrolactone

SSP83249

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83249

Laboratory Number: 23KS870-879

Table 6: Results for Heavy Metal analysis#

Client Reference				22KS5561	22KS5570	22KS6288	22KS6292	22KS6328
Sample Type				liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				n/a	n/a	n/a	n/a	n/a
Sample Description				HQD Cuvie Plus - Strawberry Watermelon	HQD Cuvie Plus - Passionfruit	IGET Bar - Peach Ice - 3500 puffs	IGET Bar - Blackberry Ice - 3500 puffs	IGET XXL - Lush Ice - 1800 puffs
Method	Vegetation ICP-MS analysis	Units	Reporting Limit	23KS870	23KS871	23KS872	23KS873	23KS874
12659	Aluminium	mg/kg	0.1	0.29	0.24	0.57	0.13	0.8
12659	Vanadium	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Chromium	mg/kg	0.01	0.059	0.079	0.079	0.083	0.12
12659	Manganese	mg/kg	0.01	0.047	0.04	0.037	0.02	0.015
12659	Iron	mg/kg	0.1	0.33	0.36	0.8	0.34	0.52
12659	Cobalt	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Nickel	mg/kg	0.01	0.049	0.061	0.038	0.017	0.09
12659	Copper	mg/kg	0.05	< LOR	0.05	0.21	0.13	0.62
12659	Zinc	mg/kg	0.05	1.4	1.1	1.4	1.2	1.2
12659	Arsenic	mg/kg	0.005	0.025	0.049	0.052	0.053	0.049
12659	Selenium	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Strontium	mg/kg	0.01	0.03	0.02	0.03	0.01	0.01
12659	Molybdenum	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Silver	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Cadmium	mg/kg	0.005	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Tin	mg/kg	0.05	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Antimony	mg/kg	0.01	0.49	0.53	0.55	0.82	0.67
12659	Barium	mg/kg	0.01	0.022	0.013	0.031	0.011	0.015
12659	Mercury	mg/kg	0.005	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Lead	mg/kg	0.005	< LOR	0.012	0.005	0.009	< LOR

SSP83249

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CERTIFICATE OF ANALYSIS

Laboratory Reference: SSP83249

Laboratory Number: 23KS870-879

Table 6: Results for Heavy Metal analysis (con't)#

Client Reference				23KS297	23KS298	23KS299	23KS301	23KS313
Sample Type				liquid	liquid	liquid	liquid	liquid
Sampling Time / Date				n/a	n/a	n/a	n/a	n/a
Sample Description				IGET Goat - Cherry Ice - 5000 puffs	Gunnpod Meta - Grape Ice - 4500 puffs	Gunnpod Wave - Summer Breeze - 3500 puffs	IGET Mega - Strawberry Banana Ice - 3000 puffs	Waka Smash - Apple surge - 6000 puffs
Method	Vegetation ICP-MS analysis	Units	Reporting Limit	23KS875	23KS876	23KS877	23KS878	23KS879
12659	Aluminium	mg/kg	0.1	< LOR	0.11	< LOR	3.1	< LOR
12659	Vanadium	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Chromium	mg/kg	0.01	0.064	0.089	0.077	0.082	0.083
12659	Manganese	mg/kg	0.01	0.023	0.027	0.13	0.028	0.026
12659	Iron	mg/kg	0.1	0.19	0.59	0.47	2	0.57
12659	Cobalt	mg/kg	0.01	< LOR	0.027	< LOR	< LOR	< LOR
12659	Nickel	mg/kg	0.01	0.015	0.41	0.47	1.2	0.037
12659	Copper	mg/kg	0.05	< LOR	28	0.85	71	< LOR
12659	Zinc	mg/kg	0.05	3.6	22	3.2	63	1.6
12659	Arsenic	mg/kg	0.005	0.052	0.046	0.062	0.06	0.081
12659	Selenium	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Strontium	mg/kg	0.01	< LOR	< LOR	0.02	0.02	0.03
12659	Molybdenum	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Silver	mg/kg	0.01	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Cadmium	mg/kg	0.005	< LOR	< LOR	< LOR	< LOR	< LOR
12659	Tin	mg/kg	0.05	< LOR	0.29	< LOR	1.2	< LOR
12659	Antimony	mg/kg	0.01	0.04	0.89	0.64	0.92	0.05
12659	Barium	mg/kg	0.01	0.01	0.016	0.061	0.023	0.022
12659	Mercury	mg/kg	0.005	< LOR	< LOR	< LOR	0.013	< LOR
12659	Lead	mg/kg	0.005	< LOR	2.4	< LOR	8.8	< LOR

Tobacco samples were prepared for analysis by microwave digestion in nitric acid according to method QIS12659v8 "Determination of Trace Elements in Foods by ICP-MS after Microwave Digestion". This method is applicable to the determination of trace elements (Al, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Se, Sr, Mo, Ag, Cd, Sn, Sb, Ba, Hg, Pb) in a wide variety of food samples, including plants. The resultant digest solution was then analysed by Triple Quadrupole Inductively Coupled - Mass Spectrometer (QQQ ICP-MS) for the aforementioned list of metals using instrument method QIS27441v5 "Determination of Trace Elements in Aqueous Solutions by ICP-MS".

The Inorganic Chemistry laboratory is accredited by NATA as compliant with ISO/IEC17025 (2017) for methods QIS12659v8 and QIS12659v5. Tobacco is dried plant material and therefore aligns to herbs, vegetables and vegetable products which are included in the current scope of accreditation for the Inorganic Chemistry laboratory. Tobacco is therefore covered under the scope of accreditation.

SSP83249

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David W

From: David P
Sent: Tuesday, 16 May 2023 8:52 AM
To: Jim; Ri
Cc: David W; Rebecca
Subject: RE: Reports for e-cigarette fluids
Attachments: SSP81530_SampleSubmission.pdf; SSP81782_SampleSubmission.pdf; SSP82359_COC_QP127_FPP_Receipt.pdf

G'day Jim,

Attached are the sample submission forms from three packages from which the ten samples were taken.

- 23KS570-871 were taken from SSP81530
- 23KS872-874 from SSP81782 and
- 23KS875-879 from SSP82359

SSP82359 was taken from a submission from the QPS and also attached is their QP127 form and the chain of custody sample transfer from forensic property point. Info re: the businesses, date seized etc are in the sample submission documents.

I personally stopped taking photos of the exhibits mid last year, with the numbers I was receiving it was getting difficult to keep track of them all. I believe the EHOs take their own photo, I'd approach them for a copy from the Sample ID in the submission from cross checked against the sample reference in the report yesterday.

Cheers,

David

From: Jim <[redacted]@health.qld.gov.au>
Sent: Tuesday, 16 May 2023 8:29 AM
To: David P <[redacted]@health.qld.gov.au>; Ri <[redacted]@health.qld.gov.au>
Cc: David W <[redacted]@health.qld.gov.au>; Rebecca <[redacted]@health.qld.gov.au>
Subject: RE: Reports for e-cigarette fluids

Hi David, we're just wondering if we can please get some details about the e-cigarettes used for the parliamentary committee report, including:

- photos of the e-cigarettes, front and back if they have info on both sides;
- info on where the samples were seized from e.g. business, location, PHU and date of seizure

This is, just in case the committee asks any questions, i.e. were the products labelled as containing nicotine, when and where were they seized.

Cheers Jim

From: David P <[redacted]@health.qld.gov.au>
Sent: Monday, 15 May 2023 3:08 PM

To: Jim [redacted] [redacted] [@health.qld.gov.au](mailto:[redacted]@health.qld.gov.au)>; Ri [redacted] [redacted] [health.qld.gov.au](mailto:[redacted]@health.qld.gov.au)>
Subject: RE: Reports for e-cigarette fluids

G'day Jim, Ri [redacted]

Please find attached the report for the ten samples we've selected for analysis.

It hasn't yet been peer reviewed so there a chance it may be amended but it will only corrected for typos, the data will remain the same.

I'll write a summary of what was done tomorrow.

Cheers,

David

From: Jim [redacted] [health.qld.gov.au](mailto:[redacted]@health.qld.gov.au)>
Sent: Monday, 15 May 2023 10:41 AM
To: David Pass [redacted] [health.qld.gov.au](mailto:[redacted]@health.qld.gov.au)>; Ri [redacted] [@health.qld.gov.au](mailto:[redacted]@health.qld.gov.au)>
Subject: RE: Reports for e-cigarette fluids

Hi David, is it possible to get the lab results in an excel spreadsheet form?
Cheers Jim

From: David P [redacted] [health.qld.gov.au](mailto:[redacted]@health.qld.gov.au)>
Sent: Monday, 15 May 2023 9:57 AM
To: Jim [redacted] [@health.qld.gov.au](mailto:[redacted]@health.qld.gov.au)>; Rebecca [redacted] [@health.qld.gov.au](mailto:[redacted]@health.qld.gov.au)>
Subject: RE: Reports for e-cigarette fluids

G'day Jim,

Yes I'm working on it now. I didn't end up coming in yesterday... I'll get it to you around midday.

Cheers,

David

From: Jim [redacted] [health.qld.gov.au](mailto:[redacted]@health.qld.gov.au)>
Sent: Monday, 15 May 2023 9:53 AM
To: David P [redacted] [@health.qld.gov.au](mailto:[redacted]@health.qld.gov.au)>; Rebecca [redacted] [@health.qld.gov.au](mailto:[redacted]@health.qld.gov.au)>
Subject: RE: Reports for e-cigarette fluids

Morning David, thanks for the lab report. From the sounds of it you'll have the second lab report to us soon.

Re: your question re: summarising the lab report into a "more digestible form" yes we will do that, Ri [redacted] is working on it.

Cheers Jim

From: David P [redacted] [@health.qld.gov.au](mailto:[redacted]@health.qld.gov.au)>
Sent: Friday, 12 May 2023 2:52 PM



To: Rebecca [REDACTED] [REDACTED] [@health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>; Jim [REDACTED] [REDACTED] [health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Subject: RE: Reports for e-cigarette fluids

G'day Jim, Rebecca,

Please find attached the report for the samples taken for the QP Health and Environment Committee. The LORs for some of the analyses are higher than usual as I haven't had time to run them at lower dilutions – if that's preferred/required I can do that next week.

I'll get the other report to you over the weekend along with the updated results for carbonyl analysis.

Have a good weekend.

Cheers,

David

From: Rebecca [REDACTED] [REDACTED] [@health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Sent: Friday, 12 May 2023 1:49 PM
To: David P [REDACTED] [health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>; Jim [REDACTED] [REDACTED] [health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Subject: Re: Reports for e-cigarette fluids

Hello David,

It's ok first things monday is fine, I don't want to ask you to come in on the weekend.

Thanks for your assistance with this
 Best regards
 Rebecca

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From: David P [REDACTED] [health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Sent: Friday, May 12, 2023 1:43:31 PM
To: Rebecca [REDACTED] [REDACTED] [health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>; Jim [REDACTED] [REDACTED] [health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Subject: RE: Reports for e-cigarette fluids

Hello Rebecca, Jim,

Sorry about this but I won't be able to produce both reports today. I'm going through the GCMS screening data for the e-fluids and it's more work than I'd anticipated. I'm afraid I need to leave early today at 3pm and can't get back.

I'll have the report for the samples taken for Aaron Harper MP done this afternoon but there'll be a delay for the other with the ten samples I've selected. The reports will be qualitatively similar with some differences in the volatile GCMS screens.

I'll come in Sunday morning to finish and email the second report. The second analysis for the aldehydes will be finished by then so will be able to update the data for both at that time as well.

Let me know if that's a problem as I can come in tomorrow if required.

David

From: Rebecca [redacted] <[redacted]@health.qld.gov.au>
Sent: Friday, 12 May 2023 10:30 AM
To: David P [redacted] <[redacted]@health.qld.gov.au>; Jim [redacted] <[redacted]@health.qld.gov.au>
Subject: Re: Rep [redacted] igarette fluids

Thanks David. I really appreciate the further analysis.

Jim, I will draft the associated brief and letter and update with results when you have the report drafted.

I will check back in on Monday with you all.

Cheers
 Rebecca

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From: David P [redacted] <[redacted]@health.qld.gov.au>
Sent: Friday, May 12, 2023 10:11:02 AM
To: Jim [redacted] <[redacted]@health.qld.gov.au>; Rebecca [redacted] <[redacted]@health.qld.gov.au>
Subject: Reports for e-cigarette fluids

G'day Jim, Rebecca,

As per our conversation this morning Rebecca, I'll release two reports today; one for the samples taken on behalf of Aaron Harper MP and the other for the ten selected samples we've previously analysed. These may be amended early next week when I rerun the carbonyl analysis at lower dilution. The amendments if required will be for that section of the report only.

Jim, the report contact I have for the QP Health & Environment Committee samples is Louise O'Neil of Qld Health Cabinet and Parliamentary Services, do you want it sent to her as well or will you be summarising it into a more digestible form and handing it on?

Cheers,

David



David P
 Senior Chemist
Organics Laboratory
Forensic and Scientific Services
 Prevention Division Queensland Health

p [redacted]
a 39 Kessels Road Coopers Plains Qld 4108
e [redacted]@health.qld.gov.au **w** www.health.qld.gov.au/fss

Queensland Health acknowledges the Traditional Owners of the land, and pays respect to Elders past, present and emerging.



Sample Submission Form

Forensic and Scientific Services

Scientific Services package no. -

81530

s.73 - Irrelevant information

Client address (address for invoice)

*Client contact name **Zach**

*Client organisation **Sunshine Coast Public Health Unit**

Address1 **Level 1, 60 Dalton Drive**

Address2

Suburb/City **Maroochydore** *State **QLD**

*Postcode **4575**

Country

*Phone s.73 - Irrelevant information

*Email s.73 - Irrelevant information @health.qld.gov.au

Client code s.73 - Irrelevant information

Purchase order #

Quotation #

Client batch reference

Client project

Vendor/Supplier **Tobacconist**

Vendor address s.73 - Irrelevant information

Results in excel format YES NO

Report of uncertainty YES NO

Submitting officer signature

s.73 - Irrelevant information
* Mandatory field

Client use for legal samples only

Legal samples YES NO Medicines and Poisons Act 2019

Chain of custody YES NO Food Act 2006 Water Fluoridation Act 2008

Custody seal intact YES NO Public Health Act 2005

Dangerous Goods YES NO Other

Report address if different from above

Client contact name

Client organisation

Address

Suburb/City State

Country Postcode

Phone

Email

General enquiries:

Phone 1800 000377

Fax s.73 - Irrelevant information

Email s.73 - Irrelevant information @health.qld.gov.au

Address:

39 Kessels Road
Coopers Plains QLD 4108

Relinquished by

Name **Zach Dobson**

Signature

Date

Custody seal intact YES NO

Time:

Delivered by

Received by

Name

Signature

Date

Time:

LAB USE ONLY

Sample condition Frozen Not chilled Chilled °C **22.8**

Laboratory Micro Organics Inorganics Nutrients






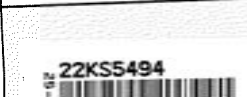
Client discussion







Received by **W**







Delivered by **TOCC**







No. samples/bottle type **127 X UAPES (C)**





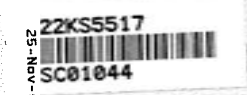

Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, MVDRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
22KS5483 SC01010	1	SC01010	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine KSGms 1 KEP26
22KS5484 SC01011	2	SC01011	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
22KS5485 SC01012	3	SC01012	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
22KS5486 SC01013	4	SC01013	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
22KS5487 SC01014	5	SC01014	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
22KS5488 SC01015	6	SC01015	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine






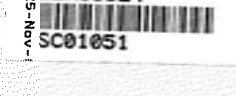
Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, MWDRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
	7	SC01016	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
	8	SC01017	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	9	SC01018	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	10	SC01019	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	11	SC01020	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	12	SC01021	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine







Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, MWDRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
 22KS5495 SC01022	13	SC01022	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
 22KS5496 SC01023	14	SC01023	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5497 SC01024	15	SC01024	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5498 SC01025	16	SC01025	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5499 SC01026	17	SC01026	1135hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5500 SC01027	18	SC01027	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine



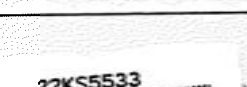

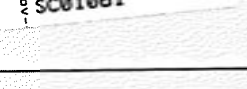
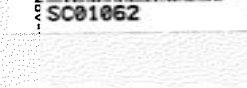
Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, M/VDRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
 22KS5501 SC01028	19	SC01028	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
 22KS5502 SC01029	20	SC01029	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5503 SC01030	21	SC01030	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5504 SC01031	22	SC01031	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5505 SC01032	23	SC01032	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5506 SC01033	24	SC01033	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine







Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Tests required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, M/WRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
 22KS5507 SC01034	25	SC01034	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
 22KS5508 SC01035	26	SC01035	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5509 SC01036	27	SC01036	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5510 SC01037	28	SC01037	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5511 SC01038	29	SC01038	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5512 SC01039	30	SC01039	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine







Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, MWDRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
	31	SC01040	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
	32	SC01041	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	33	SC01042	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	34	SC01043	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	35	SC01044	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	36	SC01045	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine







Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, M/WRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
	37	SC01046	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
	38	SC01047	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	39	SC01048	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	40	SC01049	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	41	SC01050	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	42	SC01051	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine







Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, MWDRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
	43	SC01052	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
	44	SC01053	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	45	SC01054	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	46	SC01055	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	47	SC01056	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	48	SC01057	1125hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine

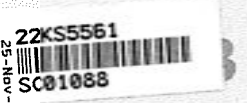


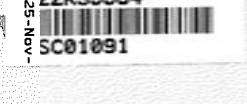


Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, MWDRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
	49	SC01058	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
	50	SC01059	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	51	SC01060	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	52	SC01061	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	53	SC01062	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	54	SC01063	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine

Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, MWDRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
	55	SC01064	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
	56	SC01065	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	57	SC01066	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	58	SC01067	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	59	SC01068	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	60	SC01069	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine







Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, MWDRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
	61	SC01070	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
	62	SC01071	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	63	SC01072	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	64	SC01073	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	65	SC01074	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	66	SC01075	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine







Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, MWDRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
	67	SC01076	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
	68	SC01077	1103hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	69	SC01078	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	70	SC01079	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	71	SC01080	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	72	SC01081	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine







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Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
	73	SC01082	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
	74	SC01083	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	75	SC01084	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	76	SC01085	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	77	SC01086	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	78	SC01087	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine




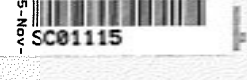
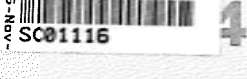

Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, M/WRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
	79	SC01088	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
	80	SC01089	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	81	SC01090	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	82	SC01091	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	83	SC01092	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	84	SC01093	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine

Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, MWDRNK, KEWTHM)

Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, MWDRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
	85	SC01094	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
	86	SC01095	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	87	SC01096	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	88	SC01097	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	89	SC01098	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	90	SC01099	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine

Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, MWRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
	91	SC01100	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
	92	SC01101	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	93	SC01102	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	94	SC01103	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	95	SC01104	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	96	SC01105	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine

Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, MWDRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
 22KS5579 SC01106	97	SC01106	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
 22KS5580 SC01107	98	SC01107	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5581 SC01108	99	SC01108	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5582 SC01109	100	SC01109	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5583 SC01110	101	SC01110	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5584 SC01111	102	SC01111	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine

Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, M/WDRNK, KEWTHM)
Package No		*SAMPLE ID	*SAMPLING TIME hhmm (24h)	*SAMPLING DATE dd/mm/yyyy	*SAMPLE TYPE	SAMPLE SOURCE	WATER TREATMENT	SAMPLE POINT	REASON FOR ANALYSIS	*TESTS
 22KS5585 SC01112	103	SC01112	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
 22KS5586 SC01113	104	SC01113	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5587 SC01114	105	SC01114	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5588 SC01115	106	SC01115	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5589 SC01116	107	SC01116	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5590 SC01117	108	SC01117	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine