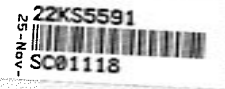










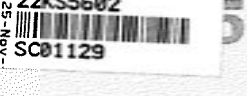









Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, 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
	109	SC01118	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
	110	SC01119	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	111	SC01120	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	112	SC01121	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	113	SC01122	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	114	SC01123	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
 22KS5597 SC01124	115	SC01124	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
 22KS5598 SC01125	116	SC01125	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5599 SC01126	117	SC01126	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5600 SC01127	118	SC01127	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5601 SC01128	119	SC01128	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS5602 SC01129	120	SC01129	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
	121	SC01130	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
	122	SC01131	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	123	SC01132	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	124	SC01133	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	125	SC01134	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
	126	SC01135	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	
	127	SC01136	1044hrs	17/11/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine	

Chain of Custody Form

Please complete for legal and potentially legal samples sent to Forensic and Scientific Services (FSS). This form must accompany the sample submission form. The laboratory will hold the original form with all appropriate signatures. This will assist FSS when asked for evidence of continuity of handling to present to court.

Client Name/Vendor	SUNSHINE COAST PUBLIC HEALTH UNIT	Package / Batch / Submission ID	V07869 - V07875
---------------------------	--	--	------------------------

Sample ID	FSS Ref No.	Sample Description / Notes
SC01010 - SC01026		V07869 - Assorted Personal Vapourisers
SC01027 - SC01046		V07870 - Assorted Personal Vapourisers
SC01047 - SC01057		V07871 - Assorted Personal Vapourisers
SC01058 - SC01077		V07872 - Assorted Personal Vapourisers
SC01078 - SC01097		V07873 - Assorted Personal Vapourisers
SC01098 - SC01116		V07874 - Assorted Personal Vapourisers
SC01117 - SC01136		V07875 - Assorted Personal Vapourisers

	Name	Section	Date	Time	Signature
Relinquished by:	s.73 - Irrelevant information	SCPHU	23/11/2022	2:06pm	s.73 - Irrelevant information
Received by:		SCPHU	23/11/2022	2:06 PM	
Relinquished by:					
Received by:		DHPP	25/11/2022	10:01	
Relinquished by:		DHPP	29/11/22	10:30	
Received by:		PHPP	29/11/22	10:30	
Relinquished by:		PHPP	29/11/22	11:12	
Received by:		Organes	29/11/22	11:12	



Queensland Government

Sample Submission Form

Scientific Services package no. - 81782

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

Country *Postcode 4575

*Phone s.73 - Irrelevant information

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

*Submitting officer signature s.73 - Irrelevant information

Client code s.73 - Irrelevant information

Purchase order #

Quotation #

Client batch ref

Client project

Vendor/Supplier s.73 - Irrelevant information Tobacconist

Vendor address s.73 - Irrelevant information

Results in excel format YES NO

Report of uncertainty YES NO

Mandatory field

Report address if different from above

Client contact name

Client organisation

Address

Suburb/City *State

Country *Postcode

Phone

Email

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

Relinquished by Name ZACH Delivered by TOLL

Signature s.73 - Irrelevant information Custody seal intact YES NO

Date 12/12/20 Time: 11:42 AM

General enquiries: ADDRESS: 39 Kessels Road
Coopers Plains QLD 4108

Phone 1800 000 377

Fax s.73 - Irrelevant information

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

Received by

Name

Signature

Date

LAB USE ONLY

Sample condition Frozen ~~Not chilled~~ Chilled °C 24

Laboratory Micro Organics Inorganics Nutrients

Client discussion


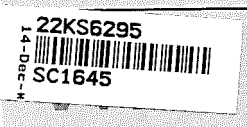





QIS 27570V17


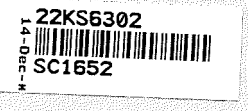

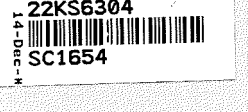
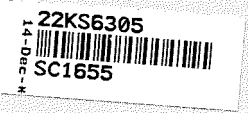
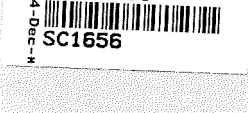

LAB USE ONLY








Received by G Delivered by TOLL

No. samples/bottle type 57x JAPES








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
22KS6288 SC1638	84	SC1638 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	KSGMS1 Nicotine KEP26
22KS6289 SC1639		SC1639 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
22KS6290 SC1640		SC1640 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
22KS6291 SC1641		SC1641 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
22KS6292 SC1642		SC1642 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
22KS6293 SC1643		SC1643 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine



 <p>22KS6294 SC1644</p>	SC1644	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A	<p>s.73 - Irrelevant information</p>	Quantitation of Nicotine	Nicotine
 <p>22KS6295 SC1645</p>	SC1645	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6296 SC1646</p>	SC1646	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6297 SC1647</p>	SC1647	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6298 SC1648</p>	SC1648	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6299 SC1649</p>	SC1649	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6300 SC1650</p>	SC1650	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine




 22KS6301 SC1651		SC1651	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
 22KS6302 SC1652		SC1652	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS6303 SC1653		SC1653	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS6304 SC1654		SC1654	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS6305 SC1655		SC1655	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS6306 SC1656		SC1656	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS6307 SC1657		SC1657	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine



 <p>22KS6308 SC1658</p>		SC1658 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A	<p>s.73 - Irrelevant information</p>	Quantitation of Nicotine	Nicotine
 <p>22KS6309 SC1659</p>		SC1659 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6310 SC1660</p>		SC1660 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6311 SC1661</p>		SC1661 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6312 SC1662</p>		SC1662 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6313 SC1663</p>		SC1663 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6314 SC1664</p>		SC1664 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine

 <p>22KS6315 14-Dec-22 SC1665</p>		SC1665	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A	<p>s.73 - Irrelevant information</p>	Quantitation of Nicotine	Nicotine
 <p>22KS6316 14-Dec-22 SC1666</p>		SC1666	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6317 14-Dec-22 SC1667</p>		SC1667	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6318 14-Dec-22 SC1668</p>		SC1668	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6319 14-Dec-22 SC1669</p>		SC1669	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6320 14-Dec-22 SC1670</p>		SC1670	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6321 14-Dec-22 SC1671</p>		SC1671	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine

 <p>22KS6322 SC1672</p>		SC1672	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A	<p>s.73 - Irrelevant information</p>	Quantitation of Nicotine	Nicotine
 <p>22KS6323 SC1673</p>		SC1673	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6324 SC1674</p>		SC1674	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6325 SC1675</p>		SC1675	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6326 SC1676</p>		SC1676	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6327 SC1677</p>		SC1677	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6328 SC1678</p>		SC1678	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine

 <p>22KS6329 14-Dec-22 SC1679</p>	SC1679 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A	<p>s.73 - Irrelevant information</p>	Quantitation of Nicotine	Nicotine
 <p>22KS6330 14-Dec-22 SC1680</p>	SC1680 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6331 14-Dec-22 SC1681</p>	SC1681 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6332 14-Dec-22 SC1682</p>	SC1682 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6333 14-Dec-22 SC1683</p>	SC1683 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6334 14-Dec-22 SC1684</p>	SC1684 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 <p>22KS6335 14-Dec-22 SC1685</p>	SC1685 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine

 22KS6336 14-Dec-22 SC1686		SC1686 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A	s.73 - Irrelevant information	Quantitation of Nicotine	Nicotine
 22KS6337 14-Dec-22 SC1687		SC1687 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS6338 14-Dec-22 SC1688		SC1688 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS6339 14-Dec-22 SC1689		SC1689 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS6340 14-Dec-22 SC1690		SC1690 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS6341 14-Dec-22 SC1691		SC1691 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine
 22KS6342 14-Dec-22 SC1692		SC1692 ✓	10:00hrs	6/12/2022	Personal Vapourisers	N/A	N/A		Quantitation of Nicotine	Nicotine

 <p>22KS6343 14-Dec-# SC1693</p>	<p>SC1693</p>	<p>10:00hrs</p>	<p>6/12/2022</p>	<p>Personal Vapourisers</p>	<p>N/A</p>	<p>N/A</p>	<p>s.73 - Irrelevant information</p>	<p>Quantitation of Nicotine</p>	<p>Nicotine</p>
 <p>22KS6344 14-Dec-# SC1694</p>	<p>SC1694</p>	<p>10:00hrs</p>	<p>6/12/2022</p>	<p>Personal Vapourisers</p>	<p>N/A</p>	<p>N/A</p>	<p>s.73 - Irrelevant information</p>	<p>Quantitation of Nicotine</p>	<p>Nicotine</p>

RTI Release

Chain of Custody Form

INW

Please complete for legal and potentially legal samples sent to Forensic and Scientific Services (FSS). This form must accompany the sample submission form. The laboratory will hold the original form with all appropriate signatures. This will assist FSS when asked for evidence of continuity of handling to present to court.

Client Name/Vendor	SUNSHINE COAST PUBLIC HEALTH UNIT	Package / Batch / Submission ID	V4440, V4441
--------------------	-----------------------------------	---------------------------------	--------------

Sample ID	FSS Ref No.	Sample Description / Notes
SC1638 - SC1657		V4440- Assorted Personal Vapourisers
SC1658 - SC1694		V4441 - Assorted Personal Vapourisers

Forensic Biology Samples Only- checked by a POLICE FORENSIC OFFICER (Scientific Officer / SOCO)

Signature _____ Name _____ Reg. No. _____ Date ____/____/____



QUEENSLAND POLICE SERVICE

s.73 - Irrelevant information

SUBMISSION OF ARTICLES FOR FORENSIC EXAMINATION

QP 0127
04/16
A2
Ω2022-A-093

Occurrence #.	Forensic No.	FR	Property Tag No.	Crime Class	CC
Examination by	QHSS - Forensic Chemistry				
Offence title(s) and offence location	[M&PA] 35 - Offence to supply medicines or hazardous poisons				
Investigating officer	s.73 - Irrelevant information				
Station	MORETON DISTRICT TACTICAL CRIME SQUAD				
Delivering member	s.73 - Irrelevant information				
Delivering member's signature and date	s.73 - Irrelevant information				25/11/23
Return property point once analysis/examination complete	Burgengary Property Point				
Complainant(s) full name(s) and Date(s) of birth	s.73 - Irrelevant info				
Suspect(s) full name(s), Date(s) of birth and occupation(s)	s.73 - Irrelevant information				
Date and type of court proceedings	27/02/2023 - Summary Review				
Court location and File No.	s.73 - Irrelevant information Magistrates Court			File No.	s.73 - Irrelevant information
Date exhibit seized	22/11/2022				
Offence Details – Brief summary					
Targetted action on illicit tobaccoists trading in tobacco and nicotine based vapes with in the s.73 - Irrelevant information District.					
List of Exhibits & where item(s) initially located					
Priority Four Located within the s.73 - Irrelev tobaccoist s.73 - Irrelevant information					
Does exhibit(s) pose any known biohazard or high chemical risk? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
If YES provide details:					
Have exhibit(s) been stored within fridge or freezer prior to submission? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
Examinations Required and order of testing priority					
"Shop Front " examination to determine the presence of nicotine. Unless another chemical of significant health issue/risk is identified then nicotine is the only poison sought to satisfy the offences before the court.					
Exhibit Return/Disposal – Authorisation					
Name	s.73 - Irrelevant information		Rank and reg. no.	A/Sgt s.73 - Irrelevant inform	
Station	s.73 - Irrelevant information		Signature	s.73 - Irrelevant information	

Note: Rear of form may be utilised for graphical representation or additional sketches, diagrams or other information as required

Original - forward with articles Copy - filed

Family name: s.73 - Irrelevant information Given name(s): s.73 - Irrelevant information
Rank: Senior Constable Reg. no.: s.73 - Irrelevant information Police station: s.73 - Irrelevant information

Double Click to Sign

Receipt issued on _____ at _____

(Reporting officer's signature)

*This part refers to things seized under the Police Powers and Responsibility Act

I, being the owner or the person in lawful possession of the property before it was seized, give consent to the Queensland Police Service keeping the property until the end of any proceeding involving the property and any appeal.

*This part refers only to found property

Declaration/Relinquishing Order

- I wish to claim the property described herein should the rightful owner not be located.
- I do not wish to claim the property and I relinquish all rights of claim with respect to it.

*Acknowledgement

I confirm that this receipt contains a true and correct account of the items taken by the reporting officer and that a copy of this receipt has been provided to me.

Double Click to Sign

(Signature of person from whom property taken/witness)

(Date)

*Mark box if applicable.

DOH DISCLOSURE LOG

Important Information

In the case of property you have found

You are entitled to claim found property if an owner is not located. The police service will attempt to locate an owner and if located you will hear nothing more about this matter. If after 60 days an owner has not been located, you will be advised you may make a claim for the property if you wish to do so. Once advised of when and how you may take delivery of the property, it will be held for a period of 14 days, after which it will be disposed of and you will not be able to claim.

In the case of property seized by police as evidence

If this receipt refers to property seized by police which may later be used as evidence, you have the right to have the evidence independently tested. If the police service undertakes any examination, testing or analysis, it is your right to have the same examination, test or analysis undertaken by an independent expert of your choosing. Any expenses incurred in the exercise of this right are your responsibility. Because some property may be disposed of or destroyed following, or as a result of examinations you are urged to pass this receipt to your legal representative. If you wish to exercise your right to independent testing, you or your legal representative should contact the officer in charge of the station to which the reporting officer is attached.

In the case of documents seized by police

If this receipt refers to property seized by police which consists of document(s), a person who would be entitled to the document(s) may inspect at any reasonable time and from time to time; and take extracts from or make copies of the document(s). In the case where the document(s) have been obtained by a production order, the addressee on the order may be provided with a certified copy on request. In certain circumstances, these requests may be refused by police under the provision of the *Police Powers and Responsibilities Act 2000* (PPRA).

In the case of property where ownership is disputed

If this receipt refers to property in possession of the police for which more than one person claims ownership, an application will be made under the PPRA for an order concerning disposal. This application will be made under the PPRA, and you will be advised if this is to occur. You are urged to pass the matter to your legal representative if you receive such advice.

Notice

This is your official receipt for the property which was taken from you by a police officer recently. You will see that the property is described overleaf. If you consider the description shown on this form is incorrect, you should immediately contact the property officer or the officer in charge of the police station where the property is stored.

Privacy Collection Statement

The Queensland Police Service (QPS) is collecting your information for the purpose of recording and managing things in the possession of the QPS. The collection of this information is authorised by the *Police Service Administration Act 1990* (Qld) and the *Police Powers and Responsibilities Act 2000* (Qld). Otherwise the information you provide will not be used or disclosed without your consent unless such use or disclosure is authorised or required by law, including the *Police Service Administration Act 1990* (Qld), the *Police Powers and Responsibilities Act 2000* (Qld) and the *Information Privacy Act 2009* (Qld). You have a right to access personal information that the QPS holds about you, subject to any exceptions in relevant legislation. If you wish to seek access to your personal information or inquire about the handling of your personal information, please contact PSBA Right to Information and Privacy by email at RTI@psba.qld.gov.au or by telephone 07 3364 4666.



Chain of Custody Form

Please complete for legal and potentially legal samples sent to Forensic and Scientific Services (FSS). This form must accompany the sample submission form. The laboratory will hold the original form with all appropriate signatures. This will assist FSS when asked for evidence of continuity of handling to present to court.

Privacy Statement

Personal information collected by Forensic and Scientific Services is handled in accordance with the Information Privacy Act 2009. Forensic and Scientific Services collects, stores, and analyses submitted information to provide laboratory services. All personal information will be securely stored and only accessible by authorised officers and used only for operational purposes. The personal information will not be disclosed to third parties without consent. For information about how Health Support Queensland (Department of Health) protects your personal information, or to learn about your right to access your own personal information, please see our website at www.health.qld.gov.au.

Client Name/Vendor		Package / Batch / Submission ID	
---------------------------	--	--	--

Sample ID	FSS Ref No.	Sample Description / Notes
s.73 - Irrelevant information		49x Nicotine Vapes

	Name	Section	Date	Time	Signature
Relinquished by:	s.73 - Irrelevant information	FSS-FPP	01/02/2023	12:01	s.73 - Irrelevant information
Received by:		FSS Operator	01/02/2023	12:01	
Relinquished by:					
Received by:					
Relinquished by:					
Received by:					
Relinquished by:					
Received by:					
Relinquished by:					
Received by:					



FORENSIC RECEIPT

TO: s.73 - Irrelevant information

Client Reference
Report Number
Date Received

s.73 - Irrelevant information
: 25-Jan-2023

Delivery Details

Received From : S/CONST s.73 - Irrelevant information

Received the following:

Anti Tamper Tape Seals: D17-0265298 and D17-0265299

Property Tag	Exhibit No	Description
s.73 - Irrelevant information	s.73 - Irrelevant information	SAMPLE FOR ANALYSIS - Sample Quantity 49 of Nicotine Vapes Seized

s.73 - Irrelevant information

Saxor s.73 - Irrelevant information
Receiving Officer
12:10 25 January 2023

DOH DISCLOSURE LOG

David W [redacted]

From: [redacted]
Sent: Tuesday, 16 May 2023 12:06 PM
To: U [redacted] s.73 - Irrelevant information Jim [redacted] s.73 - Irrelevant information David W [redacted]
Subject: Laboratory report summary
Attachments: Laboratory report summary.docx

RTI Release

DOH DISCLOSURE LOG

Laboratory report summary – e-cigarette devices

Background

Two batches of e-cigarette products were sent to the Queensland Health Forensic and Scientific Services (QH FSS) for analysis.

Batch A: Seven (7) e-cigarette products were submitted for analysis at the request of the Queensland Parliament Health & Environment Committee on **April 28, 2023**.

Batch B: Ten e-cigarette products randomly selected from pool of samples seized under an enforcement action by various Queensland Health Public Health Units were submitted for analysis on **April 13, 2023**.

Batch A and Batch B products are outlined in the Table below.

Batch A	Batch B
<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 • 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

Rationale

Concerns have been raised by health practitioners and the public regarding the risks of vaping products and their aerosols. In addition to nicotine, liquids used in electronic cigarettes also contain chemical additives which have the potential to pose serious health risk to users. As e-cigarette products marketed in Queensland are unregistered or unassessed for their quality or safety, undertaking laboratory analyses will address some of these concerns.

The types of chemicals found in e-cigarette liquids include flavours, solvents, preservatives, and contaminants (arising from manufacturing and combustion of e-liquids). E-liquids also contain a range of industrial and agricultural chemicals such as those used in insecticides and herbicides; in anti-freeze products (e.g. diethylene glycol), and volatile organic compounds (chemicals that are used and produced in the manufacture of paints, pharmaceuticals, and refrigerants, e.g. benzene), and heavy metals, etc.

Using available laboratory analytical techniques (either qualitative or quantitative methods), the products above were tested for the following:

- Nicotine – quantitative analysis
- Carbonyl compounds – quantitative analysis

- Prohibited substances listed under the Prohibited ingredients under Therapeutic Goods (Standard for Nicotine Vaping Products) (TGO 110) Order 2021 – quantitative analysis
- Pesticides/Herbicides/Fungicides – qualitative analysis
- Volatile Organic Compounds (VoCs) – qualitative analysis
- Heavy metals – quantitative analysis

Methods

The Queensland Health Forensic and Scientific Services (QH FSS) conducted laboratory analyses using available methods, including:

- 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

Results

Nicotine

- **Batch A**

Six out of the seven e-cigarette products were found to contain nicotine with concentration range from **47 mg/ml** to **55 mg/ml**. The IGET Bar Kiwi Pineapple Ice has the highest nicotine content. One product (Vorteke Melon) contained only trace amount of nicotine.

- **Batch B:**

Nine out of the 10 e-cigarette products were found to contain nicotine with concentration range from **12 mg/ml** to **44 mg/ml**. The HQD Cuvie Plus Passionfruit has the highest nicotine content. No nicotine was detected in the product, IGET XXL - Lush Ice.

The limit of detection for Batch A and Batch B is 0.2 mg/ml.

The Commonwealth's Therapeutic Goods Administration (TGA) set a limit of **100 mg/ml** nicotine in vaping products. **INCLUDE CIGS NICOTINE INFO..**

In addition to being highly addictive, nicotine is well known to cause serious health hazards including neurological, cardiovascular, respiratory (impaired lung function), renal and reproductive health effects. In some cases, high levels of exposure can lead to death. Young children, adolescents, pregnant and breastfeeding mothers, and the elderly are considered the most vulnerable to nicotine exposure.

Prohibited ingredients under Therapeutic Goods (Standard for Nicotine Vaping Products) (TGO 110) Order 2021

There are eight chemical compounds listed as prohibited ingredient under the TGO 110. These include 2,3-pentanedione, acetoin, benzaldehyde, cinnamaldehyde, diacetyl, diethylene glycol, dl-alpha-tocopheryl acetate (Vit E), and ethylene glycol. There are known health risks associated with

inhaling these prohibited ingredients, including irreversible lung damage; respiratory failure; toxicity of the brain, heart and kidneys; and impairment of the immune cell function.

The laboratory analysis showed that all **Batch A** and **Batch B** products did not contain prohibited ingredients. However, the detection limit employed by QH FSS in this analysis was 2000 ppm which is significantly higher than the compliance limit set under the TGO 110. To comply with TGO 110, the presence of any of these compounds must be below a level of 10 ppm. Further analysis may need to be undertaken using the TGO 110 limit to ascertain that these products do not the prohibited ingredients.

Carbonyl compounds

- Batch A**
 All seven e-cigarette products were found to contain carbonyl compounds such as formaldehyde, acetaldehyde, and acrolein. Only two products (IGET Bar Strawberry Watermelon Ice and IGET Bar Strawberry Lemon Ice) contained p-tolualdehyde.
- Batch B**
 Formaldehyde and acetaldehyde were detected in all 10 e-cigarette products. IGET Mega Strawberry Banana Ice contained the highest levels of both compounds. Acrolein was detected in nine products, while p-tolualdehyde was detected in six products. Benzaldehyde, one of the prohibited ingredients listed in the TGO 110, was present in two products (Gunnpod Wave - Summer Breeze and Waka Smash Apple Surge) in levels that do not comply with the TGO 110 limit of 10ppm.

Carbonyl compounds are considered irritants of the mucosal tissue of the lungs. Some of these compounds are potentially harmful to health. For example, formaldehyde is classified as a Group 1 human carcinogen by the International Agency for Research on Cancer, and acetaldehyde is classified as possibly carcinogenic to humans (Group 2B); while acrolein causes irritation of the nasal cavity and damages the lining of the lungs.

Volatile Organic Compounds

- Batch A**
 All seven e-cigarette products were found to contain various VoCs, with a total of over 20 different compounds. Four VoCs are common to all seven products. These are propylene glycol, glycerin, 2-isopropyl-N,2,3-trimethylbutanamide, benzoic acid, and 3-hexene-1-ol.
- Batch B**
 All ten e-cigarette products were found to contain various VoCs, with a total of over 30 different compounds. Similarly with Batch A, four compounds are common to all ten products. Benzaldehyde, which is a prohibited ingredient under TGO 110, was detected in one product (IGET Goat Cherry Ice).

Propylene glycol and glycerin are the main components of liquid e-cigarettes. [They are known to be hazardous when inhaled.](#) Heating propylene glycol and glycerin in e-cigarettes produces lung disease hazards and inhaling these compounds makes lungs vulnerable to infections. Breathing aerosolised propylene glycol can affect the [risk of asthma development.](#)

While some of the VoCs detected are not known to pose health risks, some of are reported to cause, many of these have been flagged for critical health concerns. For example, methyl anthranilate (found in three products) and ethyl propanoate (found in one product) are suspected carcinogens

and either a mutagen, skin sensitiser or toxic to reproduction. Further, neomenthol (found in 7 products) and ethyl lactate have also been suspected to be toxic to reproduction.

Batch A

propylene glycol
 glycerin, 2-isopropyl-N,2,3-trimethylbutanamide
 benzoic acid
 3-hexene-1-ol
 gamma-Decanolactone – no known health risk
 Methyl-cinnamate – no known health risks
 Methyl-dihydrojasmonate – no known health risks
 Isobutyl acetate – may cause drowsiness or dizziness; repeated exposure may cause skin dryness and crackling
 Ethyl lactate - May cause respiratory irritation; Causes serious eye damage; Specific organ toxicity; Suspected toxic for reproduction
 2-Methyl butyric acid
 Dihydro-Terpineol – no known health risk – used as bronchodilator for the treatment of asthma
 Alpha-Terpineol
 N-ethyl-Dodecanamide
 Methyl anthranilate – suspected carcinogen and mutagen
 Ethyl propanoate - suspected carcinogen and skin sensitiser and suspected toxic for reproduction
 Ethyl butanoate – suspected skin sensitiser
 Phenethyl alcohol – harmful if swallowed and causes eye damage
 Allyl caproate – toxic if swallowed; toxic in contact with skin
 N-Ethyl dodecanamide –
 3-Hexenol acetate
 Isoamyl acetate
 Neomenthol

Batch B

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
 Neomenthol
 Gamma-heptylbutyrolactone
 1,2-Propanediol-1-acetate
 Hydrocinnamic acid
 Vanillin
 Benzaldehyde
 Benzaldehyde propylene glycol acetal
 4-Acetylanisole
 Ethyl butyrate
 Methyl Anthranilate
 Methyl Methanthranilate,
 N-ethyl Dodecanamide
 Banana oil
 Butoxyethanol
 Hexyl alcohol
 Hexyl caproate
 Isoamyl butanoate
 Ethyl succinate
 Benzyl acetate
 Isopropyl cinnamate
 Ethyl vanillin

Heavy metals

RTI Release

DOH DISCLOSURE LOG

From: Jim [redacted]
To: Ri [redacted]
Subject: FW: Reports for e-cigarette fluids
Date: Monday, 31 July 2023 2:42:41 PM
Attachments: [image002.png](#)
[image003.jpg](#)
[SSP82359_SampleSubmission.pdf](#)

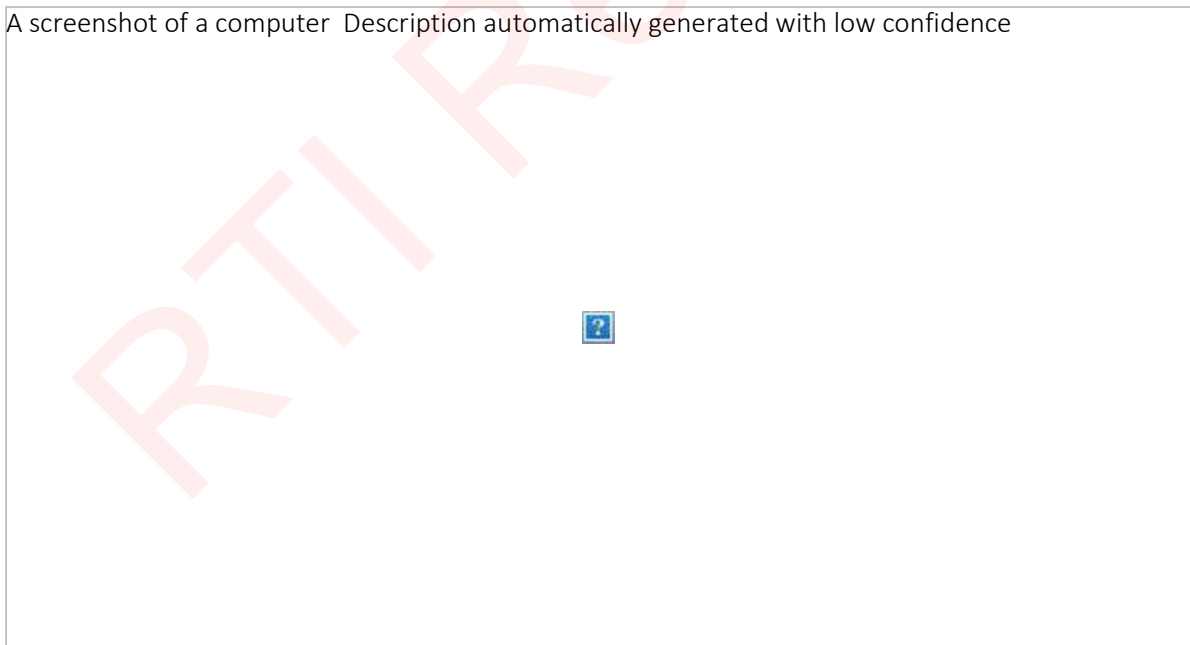
From: David P [redacted] <[redacted]@health.qld.gov.au>
Sent: Tuesday, 16 May 2023 1:35 PM
To: Jim [redacted] <[redacted]@health.qld.gov.au>
Subject: RE: Reports for e-cigarette fluids

Oh I thought I 'd attached the sample submission from the QPS for the last five samples. Sample submission for SSP82359 attached.

From: Jim [redacted] <[redacted]@health.qld.gov.au>
Sent: Tuesday, 16 May 2023 1:31 PM
To: David P [redacted] <[redacted]@health.qld.gov.au>
Subject: FW: Reports for e-cigarette fluids

Hi David, in the attached docs I can only find references for the 5 highlighted samples. Were they all from the Sunshine Coast PHU?
Cheers Jim

A screenshot of a computer Description automatically generated with low confidence



From: David P [redacted] <[redacted]@health.qld.gov.au>
Sent: Tuesday, 16 May 2023 8:52 AM
To: Jim [redacted] <[redacted]@health.qld.gov.au>; Ri [redacted] <[redacted]@health.qld.gov.au>
Cc: David Ward [redacted] <[redacted]@health.qld.gov.au>; Rebecca [redacted]

DOH DISCLOSURE LOG

s.73 - Irrelevant information

[@health.qld.gov.au](mailto:health.qld.gov.au)>**Subject:** RE: Reports for e-cigarette fluids

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 s.73 - Irrelevant information health.qld.gov.au>
Sent: Tuesday, 16 May 2023 8:29 AM
To: David P s.73 - Irrelevant information health.qld.gov.au>; Ri s.73 - Irrelevant information health.qld.gov.au>
Cc: David Ward s.73 - Irrelevant information health.qld.gov.au>; Rebecca s.73 - Irrelevant information 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 s.73 - Irrelevant information health.qld.gov.au>
Sent: Monday, 15 May 2023 3:08 PM
To: Jim s.73 - Irrelevant information health.qld.gov.au>; Ri s.73 - Irrelevant information health.qld.gov.au>
Subject: RE: Reports for e-cigarette fluids

G'day Jim, Ri 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 s.73 - Irrelevant information 3 - Irrelevant information health.qld.gov.au>

Sent: Monday, 15 May 2023 10:41 AM

To: David P s.73 - Irrelevant information health.qld.gov.au>; Ri s.73 - Irrelevant information

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 s.73 - Irrelevant information health.qld.gov.au>

Sent: Monday, 15 May 2023 9:57 AM

To: Jim s.73 - Irrelevant information s.73 - Irrelevant information [@health.qld.gov.au](mailto:health.qld.gov.au)>; Rebecca s.73 - Irrelevant information

s.73 - Irrelevant information [@health.qld.gov.au](mailto: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 s.73 - Irrelevant information s.73 - Irrelevant information s.73 - Irrelevant information [@health.qld.gov.au](mailto:health.qld.gov.au)>

Sent: Monday, 15 May 2023 9:53 AM

To: David P s.73 - Irrelevant information health.qld.gov.au>; Rebecca s.73 - Irrelevant information

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,

R s.73 - Irrelevant information is working on it.

Cheers Jim

From: David P <[REDACTED] s.73 - Irrelevant information health.qld.gov.au>
Sent: Friday, 12 May 2023 2:52 PM
To: Rebecca <[REDACTED] s.73 - Irrelevant information @health.qld.gov.au>; Jim <[REDACTED] s.73 - Irrelevant information 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 <[REDACTED] s.73 - Irrelevant information health.qld.gov.au>
Sent: Friday, 12 May 2023 1:49 PM
To: David P <[REDACTED] s.73 - Irrelevant information @health.qld.gov.au>; Jim <[REDACTED] s.73 - Irrelevant information @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

Get [Outlook for iOS](#)

From: David P <[REDACTED] s.73 - Irrelevant information health.qld.gov.au>
Sent: Friday, May 12, 2023 1:43:31 PM
To: Rebecca <[REDACTED] s.73 - Irrelevant information @health.qld.gov.au>; Jim <[REDACTED] s.73 - Irrelevant information 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] [health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Sent: Friday, 12 May 2023 10:30 AM
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

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] [health.qld.gov.au](mailto:[REDACTED]@health.qld.gov.au)>
Sent: Friday, May 12, 2023 10:11:02 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: 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

p

a 39 Kessels Road Coopers Plains Qld 4108

s.73 - Irrelevant information

e 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

Scientific Services package no. - 82359

Client address (address for invoice)		s.73 - Irrelevant information	
*Client contact name	Sergeant s.73 - Irrelevant information	Client code	
*Client organisation	Queensland Police Service	Purchase order #	
Address1	s.73 - Irrelevant information	Quotation #	
Address2		Client batch reference	
Suburb/City	*State QLD	Client project	
Country	*Postcode	Vendor/Supplier	
*Phone		Vendor address	
*Email		Results in excel format	<input type="checkbox"/> YES <input type="checkbox"/> NO
Submitting officer signature		Report of uncertainty	<input type="checkbox"/> YES <input type="checkbox"/> NO

*** Mandatory field**

Report address if different from above

Client contact name	
Client organisation	
Address	
Suburb/City	State
Country	Postcode
Phone	
Email	

General enquiries: **Address:** 39 Kessels Road
 Phone 1800 000377
 Fax **s.73 - Irrelevant information**
 Email **s.73 - Irrelevant information** @health.qld.gov.au
 Coopers Plains QLD 4108



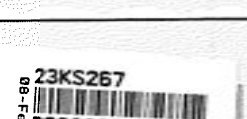
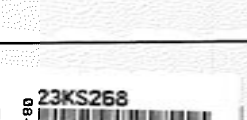

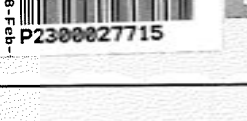
Client use for legal samples only





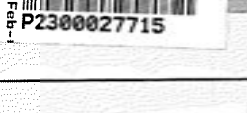
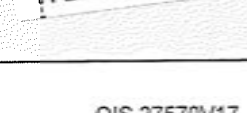
Legal samples YES NO Medicines and Poisons Act 2019
 Chain of custody YES NO Food Act 2006 Water Fluoridation Act 2008
 Custody seal intact YES NO Public Health Act 2005
 Dangerous Goods YES NO Other







Relinquished by		Delivered by	
Name		Name	
Signature		Signature	
Date		Date	
Custody seal intact <input type="checkbox"/> YES <input type="checkbox"/> NO		Time:	




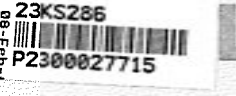


Received by	
Name	
Signature	
Date	
Time:	







Sample condition	LAB USE ONLY				Received by	Delivered by
	Frozen	Not chilled	Chilled	°C <u>—</u>		
Laboratory	Micro	<u>Organics</u>	Inorganics	Nutrients	No. samples/bottle type	<u>49 x Vopes</u>
Client discussion	<u>samples up to date</u>					







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
	1	P2300027715			Gunnpod- Meta	Passion Fruit	4000 Puffs			
	2	P2300027715			IGET-PRO	Energy Rush	5000 Puffs			
	3	P2300027715			IGE7-15mL	Blueberry Ice	4500 Puffs			
	4	P2300027715			IGE7-7mL	After the blood twist	2000 Puffs			
	5	P2300027715			IGET- LEGEND	Passion Fruit Melon Ice	4000 Puffs			
	6	P2300027715			IGET- GOAT	Energy Rush	5000 Puffs			



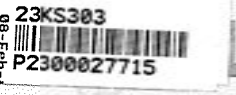



Notes for clients (see also instructions tab) →		Enter unique identifier for each sample	Enter date and time of sampling		e.g. water, soil, blood, food, filter, air, hair	e.g. dam, creek, river, ground	e.g. untreated, treated, chlorinated	e.g. location/ address/ site no	complaint, compliance, human consumption, suspected pollution	Analysis required (eg. pesticides, coliforms) OR laboratory test code if known separated by comma (eg. SWAHN, MWRDNK, 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	P2300027715			IGE7-7mL	Cherry	2000 Puffs			
	8	P2300027715			IGE7-7mL	Mixed Fruit	2000 Puffs			
	9	P2300027715			IGET-PRO	Strawberr y Kiwi	5000 Puffs			
	10	P2300027715			IGE7-15mL	Mixed Fruit	4500 Puffs			
	11	P2300027715			Gunnpod	Maxi Energy	2000 Puffs			
	12	P2300027715			Gunnpod	Grape	2000 Puffs			







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
 23KS277 P2300027715	13	P2300027715			Gunnpod	Honey Push Ice	2000 Puffs			
 23KS278 P2300027715	14	P2300027715			IGET-15mL	Lemons Lime	4500 Puffs			
 23KS279 P2300027715	15	P2300027715			IGET- GOAT	Lush Ice	5000 Puffs			
 23KS280 P2300027715	16	P2300027715			Gunnpod	Lush Ice	2000 Puffs			
 23KS281 P2300027715	17	P2300027715			IGET- MEGA	Passion Fruit Mango	3000 Puffs			
 23KS282 P2300027715	18	P2300027715			IGET-KING	Lychee Ice	2600+ Puffs			


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
 23KS283 P2300027715	19	P2300027715			IGET-KING	Iced Grape	2600+ Puffs			
 23KS284 P2300027715	20	P2300027715			IGET- GOAT	Strawberr y Watermel on	5000 Puffs			
 23KS285 P2300027715	21	P2300027715			IGET-XXL	Peach Ice	1800 Puffs			
 23KS286 P2300027715	22	P2300027715			IGET-PRO	Mango Berry Ice	5000 Puffs			
 23KS287 P2300027715	23	P2300027715			IGET- LEGEND	Blackberr y Ice	4000 Puffs			
 23KS288 P2300027715	24	P2300027715			IGET-XXL	Passion Fruit Mango	1800 Puffs			

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
 23KS289 P2300027715	25	P2300027715			IGET-BAR	Ice Cream	3500 Puffs			
 23KS290 P2300027715	26	P2300027715			IGET-XXL	Energy Drink	1800 Puffs			
 23KS291 P2300027715	27	P2300027715			IGET-KING	Passion Fruit Grape Ice	2600+ Puffs			
 23KS292 P2300027715	28	P2300027715			IGET-KING	Mango Bomb	2600+ Puffs			
 23KS293 P2300027715	29	P2300027715			IGET- LEGEND	Strawberr y Kiwi Ice	4000 Puffs			
 23KS294 P2300027715	30	P2300027715			IGE7-15mL	Pineapple Cherry	4500 Puffs			

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
 23KS295 P2300027715	31	P2300027715			IGET-BAR	Cola Ice	3500 Puffs			
 23KS296 P2300027715	32	P2300027715			IGE7-7mL	Pineapple	2000 Puffs			
 23KS297 P2300027715	33	P2300027715			IGET- GOAT	Cherry Ice	5000 Puffs			
 23KS298 P2300027715	34	P2300027715			Gunnpod- Meta	Grape Ice	4000 Puffs			
 23KS299 P2300027715	35	P2300027715			Gunnpod- Wave	Summer Breeze	3500 Puffs			
 23KS300 P2300027715	36	P2300027715			IGET- DUAL	Blueberry Ice/Pineap ple Ice	2100 Puffs			

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, MVDNRK, 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
 23KS301 P2300027715	37	P2300027715			IGET- MEGA	Strawber y Banana Ice	3000 Puffs			
 23KS302 P2300027715	38	P2300027715			IGET-BAR	Strawber y Raspberry	3500 Puffs			
 23KS303 P2300027715	39	P2300027715			IGET-XXL	Mojito Lime	1800 Puffs			
 23KS304 P2300027715	40	P2300027715			IGET- MEGA	Mixed Fruits	3000 Puffs			
 23KS305 P2300027715	41	P2300027715			IGET-PRO	Lush Ice	5000 Puffs			
 23KS306 P2300027715	42	P2300027715			IGET- LEGEND	Blueberry Raspberry Grape Ice	4000 Puffs			

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/DRNK, 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
 23KS307 P2300027715	43	P2300027715				IGET-BAR	Blackberry Ice	3500 Puffs		
 23KS308 P2300027715	44	P2300027715				Gunnpod- Meta	Mango Ice	4000 Puffs		
 23KS309 P2300027715	45	P2300027715				Gunnpod- Meta	Strawberry Kiwi	4000 Puffs		
 23KS310 P2300027715	46	P2300027715				WAKA- SMASH	Mango Melon Aloe	up to 6000 Puffs		
 23KS311 P2300027715	47	P2300027715				WAKA- SMASH	Watermelo n Chill	up to 6000 Puffs		
 23KS312 P2300027715	48	P2300027715				WAKA- SMASH	Strawberry Grape	up to 6000 Puffs		

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	P2300027715				WAKA-SMASH	Apple Surge	up to 6000 Puffs		

David W [redacted]

From: [redacted] s.73 - i.73 - Irrelevant
irrelevant information
Sent: Tuesday, 16 May 2023 4:20 PM
To: [redacted] s.73 - s.73 - Irrelevant
irrelevant information
Cc: Jim [redacted] s.73 - Irrelevant
information David W [redacted]
Subject: LAB report summary ecigs 16 May 2023
Attachments: LAB report summary ecigs 16 May 2023.docx

Hi U [redacted] s.73 - Irrelevant

Attached please find the table that you requested. Let me know if this is what you want. My plan is to put some comments before or after each table to summarise the findings tomorrow.

Kind regards,

Ri [redacted] s.73 - Irrelevant

RTI Release

DOH DISCLOSURE LOG

Summary of the laboratory analyses reports – e-cigarette liquids

Rational for testing:

Analyst: Queensland Health Forensic and Scientific Services

Products tested

Sample Number

Sample Number	Product Name	Sample Number	Product Name
1	IGET Bar Strawberry Watermelon Ice	11	IGET Bar - Blackberry Ice - 3500 puffs
2	Vorteke Melon	12	IGET XXL - Lush Ice - 1800 puffs
3	IGET Bar Strawberry Lemon Ice	13	IGET Goat - Cherry Ice - 5000 puffs
4	IGET Legend Passionfruit Watermelon Ice	14	Gunnpod Meta - Grape Ice - 4500 puffs
5	IGET Bar Grape Ice	15	Gunnpod Wave - Summer Breeze - 3500 puffs
6	IGET Bar Kiwi Pineapple Ice	16	IGET Mega - Strawberry Banana Ice - 3000 puffs
7	IGET Legend Blueberry Blackberry Ice	17	Waka Smash - Apple surge - 6000 puffs
8	HQD Cuvie Plus - Strawberry Watermelon		
9	HQD Cuvie Plus – Passionfruit		
10	IGET Bar - Peach Ice - 3500 puffs		

Nicotine and pesticide/herbicides/fungicides

Lab analyses	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10	Sample 11	Sample 12	Sample 13	Sample 14	Sample 15	Sample 16	Sample 17
Nicotine	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Vanillin	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No

TGO 110 Prohibited Substances

Lab analyses	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10	Sample 11	Sample 12	Sample 13	Sample 14	Sample 15	Sample 16	Sample 17
Butyraldehyde	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
2,4-Butadione	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
2,3-Pentadione	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Acetoin	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Benzaldehyde	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Tolualdehyde	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Cinnamaldehyde	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Vitamin E acetate	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Ethylene glycol	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Diethylene glycol	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No

Carbonyl compounds

Lab analyses	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10	Sample 11	Sample 12	Sample 13	Sample 14	Sample 15	Sample 16	Sample 17
Formaldehyde	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Acetaldehyde	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Acrolein	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Propionaldehyde	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Hexaldehyde	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Benzaldehyde	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	Yes
p-Tolualdehyde	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	No	No	Yes	Yes	No	No	No

Volatile Organic Compounds (VoCs)

Lab analyses	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10	Sample 11	Sample 12	Sample 13	Sample 14	Sample 15	Sample 16	Sample 17
Propylene glycol	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Glycerin	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Nicotine	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Benzaldehyde	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No
WS-23	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Benzoic acid	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Cont...

3-Hexene-1-ol	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ethyl Maltol	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No
Methyl Cinnamate	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	Yes
Gamma-decanolactone	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No	No
Neomenthol	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	No	No	Yes	No
Methyl-dihydrojasmonate	Yes	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No
Isobutyl acetate	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Ethyl lactate	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
2-Methyl butyric Acid	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Dihydro-Terpineol	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Alpha-Terpineol	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No
N-ethyl-Dodecamide	No	No	Yes	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No
Methyl anthranilate	No	No	No	No	Yes	Yes	No	No	No	No	No	No	No	Yes	No	No	No
Ethyl propanoate	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No
Ethyl butanoate	No	No	No	No	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No

Cont..

Phenethyl alcohol	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No
Allyl caproate	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No
3-Hexenol acetate	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No
Isoamyl acetate	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No
Hedione	No	No	No	No	No	No	No	Yes	No	No	No	Yes	No	No	No	No	No
Hexyl alcohol	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
Hexyl caproate	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
Isoamyl butanoate	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
Ethyl succinate	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
Benzyl acetate	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
Isopropyl cinnamate	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
Ethyl vanillin	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
Gamma-heptylbutyrolactone	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
1,2-Propanediol-1-acetate	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No

Cont...

Hydrocinnamic acid	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No
Benzaldehyde propylene glycol acetal	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No
Ethyl butyrate	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
Methyl Methanthranilate	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No
N-ethyl Dodecanamide	No	No	No	No	No	Yes	No	No	No	No	No	No	No	Yes	No	No	No
Banana oil	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes
Butoxyethanol	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No

Heavy metals

Lab analyses	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10	Sample 11	Sample 12	Sample 13	Sample 14	Sample 15	Sample 16	Sample 17
Aluminium	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No
Vanadium	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No
Chromium	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Manganese	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Iron	No	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cobalt	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No
Nickel	No	Yes	No	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Copper	Yes	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
Zinc	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Arsenic	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Selenium	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Strontium	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes
Molybdenum	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Silver	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Cadmium	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Tin	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	Yes	No
Antimony	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Barium	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	No
Mercury	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
Lead	No	Yes	No	No	No	No	No	No	Yes	Yes	Yes	No	No	Yes	No	Yes	No

David W [REDACTED]

From: [REDACTED]
Sent: Wednesday, 17 May 2023 9:01 AM
To: David W [REDACTED]
Subject: Submission to E-Cigarette Inquiry - Health Protection Branch input
Attachments: Submission to E-Cigarette Inquiry - Health Protection Branch input.docx

RTI Release

DOH DISCLOSURE LOG

Submission to E-Cigarette Inquiry - Health Protection Branch input

1. Information about all regulatory activity related to nicotine under the Medicines and Poisons Act 2019 including complaints, inspections/audits and enforcement actions taken since 1 January 2020.

Between January 2020 – March 2023, there were approximately 69 seizures; 106,672 e-cigarette products seized; and 3 prosecutions were undertaken across Queensland under the *Medicines and Poisons Act 2019* (Attachment 1).

2. Risks of vaping harmful chemicals, including nicotine, to individuals, communities, and the health system.

The World Health Organisation reported that the use of electronic cigarettes poses serious threat to adolescents and fetuses and increases risks of exposure of bystanders to a number of toxicants (Attachment 2). This view is also supported by the National Medical Research Council, other regulatory agencies and professional peak bodies.

Liquids used in electronic cigarettes (e-liquids) contain nicotine and chemical additives which have the potential to pose serious health risk to users. The chemical additives include flavours, solvents, preservatives and contaminants (arising from manufacturing and combustion of e-liquids). E-liquids also contain a range of industrial and agricultural chemicals such as those used in insecticides and herbicides (e.g. acrolein, furfural, etc); in anti-freeze products (e.g. diethylene glycol), and volatile organic compounds (chemicals that are used and produced in the manufacture of paints, pharmaceuticals, and refrigerants, e.g. benzene), etc.

Electronic cigarette devices could also deliver unreliable doses of nicotine and other chemicals including leaking which could further increase the health risk to the users.

Health risks from chemicals typically found in e-liquids are outlined below.

Liquid Nicotine

Liquid nicotine is a poison and can cause serious health hazards including neurological, cardiovascular, respiratory (impaired lung function), renal and reproductive health effects. In some cases, high levels of exposure can lead to death. Young children, adolescents, pregnant and breastfeeding mothers, and the elderly are considered the most vulnerable to nicotine exposure.

Vapes may have 50mg of nicotine which is roughly equivalent to 50 cigarettes. Nicotine concentration can vary widely, and the dose of nicotine depends on how many puffs the user takes. Newer devices on the market have up to 4,000 puffs on the device and high nicotine concentrations which can equate to up to 20 packs of cigarettes nicotine equivalent.

Nicotine can typically harm the developing adolescent brain (the brain keeps developing until about age 25) and can also weaken the immune system. Using nicotine in adolescence can harm parts of the brain that control attention, learning, mood, and impulse control. Nicotine changes the way these synapses are formed. Using nicotine in adolescence may also increase the risk for future addiction to other drugs.

Intentional or accidental ingestion or poisoning of e-liquids causing serious injury or death has also been reported. [An analysis conducted by the Australian Poisons Information Centre](#) from

calls between 2009 – 2016 showed that e-cigarette exposures increased substantially between 2012 and 2016. Thirty-eight per cent of the calls were in relation to children, with one death reported of an infant from ingesting e-liquid containing nicotine (Attachment 3). Acute nicotine toxicity from ingestion has also been reported in other countries.

Flavour chemicals

[Most e-cigarettes contain flavour chemicals](#). Although many flavour chemicals are considered safe for ingestion, some are toxic when inhaled during vaping, especially when present at high levels. These include diketones (e.g. diacetyl), aldehydes (cinnamaldehyde, benzaldehyde), vanillin, furfural (pesticide), etc. These chemicals have been reported to cause respiratory diseases. Diketones are associated with irreversible lung damage known as bronchiolitis obliterans or 'popcorn lung', and cinnamaldehyde has been shown to cause [DNA damage and cellular processes](#) (Attachments 4 & 5).

Cinnamaldehyde and benzaldehyde are prohibited for use as ingredients in vaping products under the [Therapeutic Goods \(Standard for Nicotine Vaping Products Act\) \(TGO 110\) Order 2021](#) (Attachment 6).

Solvents

Solvents are used as carriers in e-cigarettes to produce aerosols that mimic combustible cigarette smoke. The most commonly-used solvents are polyethylene glycol and glycerol. These solvents have the ability [to generate toxic diketones](#) when heated to produce aerosols which has the potential to cause serious lung damage (e.g. popcorn lung) (Attachment 7).

Chemicals arising from thermal degradation of e-liquids

Many studies have demonstrated that e-cigarettes emit toxic compounds generated from heating of e-liquids during the vaping process (thermal degradation).

- *Carbonyl compounds*

Carbonyl compounds (e.g. formaldehyde, benzaldehyde, cinnamaldehyde, acetaldehyde, and acrolein, etc), are considered irritants of the mucosal tissue of the lungs. Some of these compounds are potentially harmful to health. For example, formaldehyde is classified as a Group 1 human carcinogen by the International Agency for Research on Cancer, and acetaldehyde is classified as possibly carcinogenic to humans (Group 2B); while acrolein causes irritation of the nasal cavity and damages the lining of the lungs. Some carbonyl compounds, such as cinnamaldehyde and benzaldehyde, are also used as flavour chemicals in e-liquids.

- *PAHs*

PAHs (a class of chemicals that occur naturally in coal, crude oil, and gasoline) are also produced during the thermal decomposition (heating) of organic compounds. These chemical compounds have been detected in e-cigarette emissions (e.g. benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, etc). Studies have shown that PAHs are associated with reduced lung function, exacerbation of asthma, increased rates of obstructive lung disease, cardiovascular diseases, and cancer.

- *Contaminants*

Emissions from e-cigarettes contain contaminants that are mostly derived from the e-cigarette liquid but also from the device. The contaminants identified range from reactive aldehydes, heavy metals, particulate matter, volatile organic compounds, phthalates, pesticides, and tobacco-specific nitrosamines. At specific levels and exposure, these contaminants may have the potential to negatively affect human health.

- Particulate matter (PM_{2.5} and ultrafine particles)

Particulate matter contains microscopic solids or liquid droplets with a diameter of 2.5 micrometres or less) and ultrafine particles (size of less than 100 nanometres). They are so small that they can be inhaled and cause serious health risks. These particles (may consist of toxic ingredients) can penetrate deep into the lungs and may enter the bloodstream and can disrupt the blood-brain barrier. They also can penetrate the respiratory system to exacerbate respiratory and pulmonary and also cause cardiovascular effects.

- Heavy metals

An increasing number of studies have found toxic heavy metals in e-cigarettes. These include arsenic, lead, nickel, chromium, cadmium, mercury, and cobalt. These heavy metals are known to be carcinogenic, mutagenic, toxic to reproduction and development, and causes neurological anomalies.

- Volatile organic compounds

Volatile organic compounds are gases and industrial chemicals that are used and produced in the manufacture of paints, pharmaceuticals, and refrigerants, e.g. benzene). They can irritate the eyes, nose and throat, can cause breathing difficulties and nausea and damage the central nervous system and other organs. Several toxic and/or carcinogenic volatile organic compounds have been identified in e-cigarette emissions. [These include acrylamide](#) (Group 2A carcinogen), benzene and propylene oxide (Attachment 8).

- DR SUZANNE HUXLEY's INPUT HERE on communities, and the health system.

3. *Consideration of waste management and environmental impacts of e-cigarette products.*

The waste disposal of vaping products containing nicotine is very complex. For commercial premises such as a health care facility, vaping products containing nicotine can be classified as regulated wastes under schedule 9 of the EP Regulation (#49 pharmaceuticals, drugs, and medicines). Hence, such waste must be disposed as regulated waste by persons licensed by the Department of Environment and Science (DES).

E-cigarettes, including rechargeable batteries and cartridges and bottles that contain e-liquids (liquid nicotine mixtures), can pose a threat to human health and to the environment if they are not disposed of properly. E-cigarette and e-liquid waste should not be thrown in the

regular trash or flushed down a sink. Instead, these items should be taken safely to a hazardous waste facility.

**However, further clarification is currently being sort from DES about this waste classification.*

The specific environmental impact of e-cigarette products is dependent on the final disposal method of the product and its various components. This assessment is best undertaken by DES.

RTI Release

DOH DISCLOSURE LOG

David W [REDACTED]

From: [REDACTED] § 87(3) - Irrelevant information
Sent: Wednesday, 17 May 2023 10:05 AM
To: David W [REDACTED]; [REDACTED] § 87(3) - Irrelevant information
Subject: Result for PSubs
Attachments: Book1.xlsx

RTI Release

DOH DISCLOSURE LOG

Vaping liquid Samples tested	TGO110 - Prohibited Substances									
	Butyraldehyde	2,4-Butadione	2,3-Pentadione	Acetoin	Benzaldehyde	Tolualdehyde	Cinnamaldehyde	Vitamin E acetate	Ethylene glycol	Diethylene glycol
IGET Bar Strawberry Watermelon Ice	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
Vorteke Melon	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
IGET Bar Strawberry Lemon Ice	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
IGET Legend Passionfruit Watermelon Ice	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
IGET Bar Grape Ice	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
IGET Bar Kiwi Pineapple Ice	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
IGET Legend Blueberry Blackberry Ice	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
HQD Cuvie Plus - Strawberry Watermelon	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
HQD Cuvie Plus - Passionfruit	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
IGET Bar - Peach Ice - 3500 puffs	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
IGET Bar - Blackberry Ice - 3500 puffs	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
IGET XXL - Lush Ice - 1800 puffs	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
IGET Goat - Cherry Ice - 5000 puffs	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
Gunnpod Meta - Grape Ice - 4500 puffs	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
Gunnpod Wave - Summer Breeze - 3500 puffs	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
IGET Mega - Strawberry Banana Ice - 3000 puffs	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR
Waka Smash - Apple surge - 6000 puffs	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR	> LOR

David W [REDACTED]

From: Uma [REDACTED] s.73 - Irrelevant information
Sent: Wednesday, 17 May 2023 11:25 AM
To: David W [REDACTED]; Ri [REDACTED] s.73 - Irrelevant information
Subject: template-clin-guide
Attachments: template-clin-guide.docx

RTI Release

DOH DISCLOSURE LOG

Assessment of e-liquid composition

For the Queensland Parliament - Health & Environment Committee

1. Purpose

To assess the chemical composition including nicotine of e-cigarette liquids (e-liquids) used for vaping in Queensland and...

2. Scope

To analyse the chemical composition of seventeen (17) e-liquid samples currently available to Queensland users.

Seven (7) e-liquid samples were sourced from Health & Environment Committee (the Committee) and ten (10) samples were sourced from state-wide compliance activities from government departments (Queensland Health and Queensland Police Service)

3. Background

E-cigarette products marketed and sold in Queensland, even children, are not assessed in relation to their quality or safety.

Public health concerns have been raised by the community and by health practitioners regarding the risks of vaping products and their aerosols. In addition to nicotine, liquids used in electronic cigarettes also contain other chemical additives which have the potential to pose serious health risk to users. e-Liquids are reported to contain chemical additives such as flavors, solvents, preservatives and contaminants insecticides and herbicides (e.g. acrolein, furfural, etc); anti-freeze products (e.g. diethylene glycol), and volatile organic compounds (e.g. benzene).

The outcomes of the testing will also assist the Health & Environment Committee (the Committee) to shape its inquiry findings as to the need for government restrictions or controls on the availability of e-cigarettes and e-liquids, on public health grounds

Standards and procedures

The 17 e-liquid samples were assessed by Queensland Health Forensic and Scientific Services (QHFSS) using the following methods;

- 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)

4. Results

Note: Include guideline content information below.

4.1. [Insert sub-heading]

4.1.1. [Include guideline content information relevant to the sub heading.]

The Therapeutic Goods Administration (TGA) has identified a range of eight (8) harmful chemicals that should not be detectable in e-liquids. These chemicals are outlined in TGO - 110.

4.1 Nicotine

Nicotine was found in all e-liquid samples, as shown in Table 1. The nicotine content ranged from 55,000 mg/kg to trace levels (<200 mg/kg).

Lab analyses

Lab Analysis	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 4
Nicotine								
Concentration								

Under Qld's Medicines and Poisons Act vaping devices containing nicotine may only be obtained at a pharmacy under the prescription of a medical practitioner. Such devices may contain upto XXXX **nicotine**. Vaping products which contain nicotine and sourced from other retailers are illegal under the Act.

The health risks of nicotine include neurological, cardiovascular, respiratory (impaired lung function), renal and reproductive health effects. In some cases, high levels of exposure can lead to death. Young children, adolescents, pregnant and breastfeeding mothers, and the elderly are considered the most vulnerable to nicotine exposure. According to the World Health Organisation (WHO) nicotine itself is not a carcinogen, however it may function as a "tumor promoter". Nicotine seems involved in fundamental aspects of the biology of malignant diseases, as well as of neurodegeneration.

5.2 TGO 110 – (Prohibited ingredients under Therapeutic Goods (Standard for Nicotine Vaping Products))

There are eight chemical compounds listed as prohibited ingredient under the TGO 110. These include 2,3-pentanedione, acetoin, benzaldehyde, cinnamaldehyde, diacetyl, diethylene glycol, dl-alpha-tocopheryl acetate (Vit E), and ethylene glycol.

The laboratory analysis showed that all 17 samples did not contain prohibited ingredients. However, the detection limit employed by QH FSS in this analysis was **2000 ppm** which is significantly higher (x 200) than the compliance limit set under the TGO 110 which is **less than 10 ppm**.

Further analysis may need to be undertaken using the TGO 110 limit to ascertain that these products do not contain prohibited ingredients above the detection limit set under TGO 110.

It should be noted that Benzaldehyde, which is a prohibited ingredient under TGO 110, was detected in one sample where the analysis is based on the substance's presence or absence.

There are known health risks associated with inhaling these prohibited ingredients identified in the TGO 110 includes irreversible lung damage; respiratory failure; toxicity of the brain, heart and kidneys; and impairment of the immune cell function.

5.3 Other Chemicals of Concern

5.3.1 Carbonyl compounds

5.3.2 Volatile Organic Compounds

5.3.3 Heavy Metals

5. Discussion

6. The capacity of e-cigarettes to deliver nicotine and other harmful chemicals into the body varies widely, ranging from very low to levels like that of cigarettes, depending on product