



Report Number:

20-011537/D02.R00

Report Date:

10/30/2020 OR100028

ORELAP#: Purchase Order:

Received:

10/23/20 10:51

Product identity:

Client/Metrc ID:

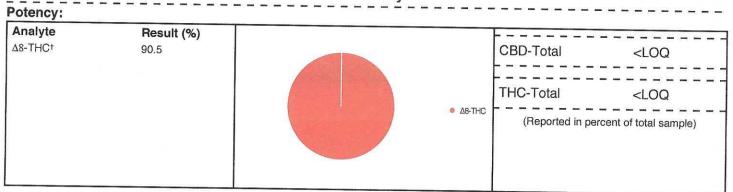
Laboratory ID:

20-011537-0001

Sample Date:

10/22/20

Summary



Residual Solvents:

Analyte	Result (µg/g)	Limits (µg/g)	Status
n-Heptane	1490	5000	pass

Pesticides:

All analytes passing and less than LOQ.

Less than LOQ for all analytes.





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Solvents	Method	EPA502	21A			Units µg/g Batch 2	008909	Analya	ze 10/	27/20 (09:55 AM
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Name of the			Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200		
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane	<loq< td=""><td>705.00.50</td><td>200</td><td>V. #14 C. (1920) C. (1920)</td><td></td></loq<>	705.00.50	200	V. #14 C. (1920) C. (1920)	
2-Methylpentane	<loq< td=""><td></td><td>30.0</td><td></td><td></td><td>2-Propanol (IPA)</td><td>< LOQ</td><td>5000</td><td>200</td><td></td><td></td></loq<>		30.0			2-Propanol (IPA)	< LOQ	5000	200		
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane	<loq< td=""><td></td><td>200</td><td></td><td></td></loq<>		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100		
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400		
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200		
Ethyl benzene	< LOQ		200			Ethyl ether	<loq< td=""><td>5000</td><td>200</td><td>5.</td><td></td></loq<>	5000	200	5.	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	<loq< td=""><td>50.0</td><td>30.0</td><td>0.5</td><td></td></loq<>	50.0	30.0	0.5	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200	•	
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	200	pass	
Methylpropane	< LOQ		200			n-Butane	<loq< td=""><td></td><td>200</td><td></td><td></td></loq<>		200		
n-Heptane	1490	5000	200	pass		n-Hexane	<loq< td=""><td></td><td>30.0</td><td></td><td></td></loq<>		30.0		
n-Pentane	< LOQ		200			o-Xylene	<loq< td=""><td></td><td>200</td><td></td><td></td></loq<>		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	<loq< td=""><td>5000</td><td>200</td><td>pass</td><td></td></loq<>	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	<loq< td=""><td>890</td><td>100</td><td>pass</td><td></td></loq<>	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl	<loq< td=""><td>2170</td><td>600</td><td>pass</td><td></td></loq<>	2170	600	pass	





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These test results are representative of the individual sample selected and submitted by the client.

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220 Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not NELAP accredited.

Units of Measure

 μ g/g = Microgram per gram mg/kg = Milligram per kilogram = parts per million (ppm) % = Percentage of sample % wt = μ g/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner General Manager

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Columbia Laboratories Sample Receipt Form

Revision: 1.01 Document Control: CF015 Revised: 02/28/2020 Effective: 02/28/2020

Job Number: 20-011537 Search Name:		
Package/Cooler opened on (if different than received date/time) Date: 107	3 Time: 1051	
Received By (Initials):		
Were custody seals on outside of the package/cooler? If YES, how many and where?	YES NO	(NA)
Were signature and date correct?	YES NO	NA
Were custody papers included in the package/cooler?	YES NO	NA
3) Were custody papers properly filled out (ink, sign, date)?	YES NO	NA
4) Did you sign custody papers in the appropriate place?	YES NO	NA
5) How was the package/cooler delivered?		
UPS FEDEX USPS CLIENT COURIER	OTHER:	
Tracking Number (written in or copy of shipping label): 7718	1366 293	1
Was packing material used?	YES NO	NA
Peanuts Bubble Wrap Foam Paper Other:		
) Was sufficient ice used (if appropriate)? What kind?	YES NO	NA
Blue Ice Cooler Packs Dry Ice		
Were all sample containers sealed in separate plastic bags?	YES NO	NA
Did all sample containers arrive in good condition?	YES NO	NA
0) Were all sample container labels complete?	YES NO	NA
11) Did all sample container labels and tags agree with the coc?	YES NO	NA
12) Were correct sample containers used for the tests indicated?	YES NO	NA
	YES NO	NA
13) Were VOA vials checked for absence of air bubbles (note if found)?		
S 24%	YES NO	NA
14) Was a sufficient amount of sample sent in each sample container?		NA
 13) Were VOA vials checked for absence of air bubbles (note if found)? 14) Was a sufficient amount of sample sent in each sample container? 15) Temperature of the samples upon receipt (See SOP for proper temps) 16) Sample location prior to login: R25 R39 R44 F44 Ambient Sho 	YES NO	



OC - Sample Duplicate

12423 NE Whitaker Way Portland, OR 97230 503-254-1794



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	QC - Sample Duplicate						Sample I	D: 20-011537-0001	
100	Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
Mix	Propane	ND	ND	200	ив/в	0.0	< 20	Acceptable	
Mix	Isobutane	ND	ND	200	µв/в	0,0	< 20	Acceptable	
Mix	Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Mix	2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
d Mix 1 Mix	Methanol	ND	ND	200	ив/в	0.0	< 20	Acceptable	
d Mix 1	Ethylene Oxide	ND	ND	30	h8/E	0.0	< 20	Acceptable	
d Mix 1	2-Methylbutane Pentane	ND	ND	200	μg/g	0.0	< 20	Acceptable	100000
d Mix 1	Ethanol	ND ON	ND	200	11g/g	0.0	< 20	Acceptable	
d Mix 1	Ethyl Ether	ND	ND ND	200	µg/g	0.0	< 20	Acceptable	
d Mix 1	2,2-Dimethylbutane	ND.	ND ND	30	µg/g	0.0	< 20	Acceptable	
d Mix 1	Acetone	ND	ND NO	200	я/ви	0.0	< 20	Acceptable	
d Mix 1	2-Propanol	ND ND	ND ND	200	HE/E	0.0	< 20 < 20	Acceptable	
d Mix 2	Ethyl Formate	ND ND	NO	500	HE/E	0.0		Acceptable	
d Mix 1	Acetonitrile	ND	ND	100		0.0	< 20	Acceptable	
d Mix 2	Methyl Acetate	ND	ND ND	500	ив/в	0.0	< 20 < 20	Acceptable	
d Mix 1	2,3-Dimethylbutane	ND	ND ND	30	µв/в µв/в	0.0	< 20	Acceptable	
d Mix 1	Dichloromethane	ND ND	ND	200	P8/8 P8/8	0.0	< 20	Acceptable	
d Mix 1	2-Methylpentane	ND	ND	30	PB/8	0.0	< 20	Acceptable	
d Mix 2	MYBE	ND	ND	500	H8/8	0.0	< 20	Acceptable	
Mix 1	3-Methylpentane	ND	ND	30	HR/R	0.0	< 20	Acceptable Acceptable	
1 xiM b	Hexane	ND	ND	30	HR/R	0.0	< 20	Acceptable	
Mix 2	1-Propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
d Mix 2	Methylethylketone	ND	ND	500	ив/в	0.0	< 20	Acceptable	
d Mix 1	Ethyl acetate	ND	ND	200	ug/g	0.0	< 20	Acceptable	
1 xiM i	2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Mix 1	Tetrahydrofuran	ND	ND	100	ив/в	0.0	< 20	Acceptable	
1 Mix 1	Cyclohexane	ND	ND	200	ив/в	0.0	< 20	Acceptable	
Mix 2	2-methyl-1-propanol	ND	ND	500	ре/в	0.0	< 20	Acceptable	
Mix 1	Benzene	ND	ND	1	ив/в	0.0	< 20	Acceptable	
Mix 1	Isopropyl Acetate	ND	ND	200	ив/в	0.0	< 20	Acceptable	
Mix 1	Heptane	1490	1490	200	рв/в	0.0	< 20	Acceptable	11100
Mix 2	1-Butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
MIX 2	Propyl Acetate	ND	ND	500	нв/в	0.0	< 20	Acceptable	
Mix 1	1.4-Dioxane	ND	ND	100	µg/g	0.0	< 20		
Mix 1	2-Ethoxyethanol	ND	ND	30				Acceptable	
Mix 2		-		-	MB/B	0.0	< 20	Acceptable	
	Methylisobutylketone	NO	ND	500	ив/в	0.0	< 20	Acceptable	
Mix 2	3-Methyl-1-butanol	ND	NĐ	500	ив/в	0.0	< 20	Acceptable	20.00
Mix 1	Ethylene Glycol	ND	ND	200	ив/в	0.0	< 20	Acceptable	
Mix 1	Toluene	ND	ND	200	ив/в	0.0	< 20	Acceptable	93.00
Mix 2	Isobutyl Acetate	ND	ND .	500	µ8/8	0.0	< 20	Acceptable	
Mix 2	1-Pentanol	ND	ND	500	18/8u	0.0	< 20	Acceptable	
Mix 2	Butyl Acetate	ND	ND	500	H8/8	0.0	< 20		
Mix 1	Ethylbenzene	ND		_	-			Acceptable	
Mix 1			ND	200	9/84	0.0	< 20	Acceptable	-
	m,p-Xylene	ND	ND	200	8/84	0.0	< 20	Acceptable	
Mix 1	o-Xylene	ND	ND	200	3/84	0.0	< 20	Acceptable	90
Mix 1	Cumene	ND	ND	30	ив/в	0.0	< 20	Acceptable	
Mix 2	Anisole	ND	ND	500	ив/в	0.0	< 20	Acceptable	7,
Mix 2	DMSO	ND	ND	500	ив/в	0.0	< 20	Acceptable	
Mix 2	Triethylamine	ND	ND		ug/g	0.0	< 20	Mineplanie	

ND - None Detected at or above MAL RPD - Relative Percent Difference LOQ - Limit of Quantitation * Screening only Q1 Quality Control result blased high





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Revision #: 0.00 Control : CFL-D06 Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Pesults

JAOAC2015	V986					h ID: 200901	7	MARKET CONTRACTOR			
Sample Dupli				Sample ID: 20-011537-0001							
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes			
CBDVA	4.00	4.00	0.1	%	NA	< 20	Acceptable				
CBDV	4.00	4.00	0.1	%	NA	< 20	Acceptable	51/5/1017			
CBD-A	4.00	400	0.1	%	NA	< 20	Acceptable	***************************************			
CBG-A	4.00	4.00	0.1	%	NA	< 20	Acceptable				
CBG	400	4.00	0.1	%	NA	< 20	Acceptable	***************************************			
CBD	4.00	400	0.1	%	NA	< 20	Acceptable	***************************************			
THCV	4.00	400	0.1	%	NA	< 20	Acceptable	(Feathern Control of C			
THCVA	400	4.00	0.1	%	NA	< 20	Acceptable				
CBN	400	400	0.1	%	NA	< 20	Acceptable				
THC	400	400	0.1	%	NA	< 20	Acceptable	***			
D8THC	90.5	89.0	0.1	%	1.68	< 20	Acceptable				
CB.	4.00	400	0.1	%	NA	< 20	Acceptable				
CBC	4.00	400	0.1	%	NA	< 20	Acceptable				
THCA	4.00	400	0.1	%	NA	< 20	Acceptable	- In the Market Control			
CECA	4.00	4.00	0.1	%	NA	< 20	Acceptable	00 VIEW 111			

Abbreviations

ND - None Detected at or above MRL RPD - Relative Percent Difference

LOQ - Limit of Quantitation

NA - Calculation Not Applicable given non-numerical results

Units of Measure:

% - Percent