



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



Report Number: 20-005096/D02.R00
Report Date: 05/28/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/19/20 13:36

Customer: NW Natural Goods
Product identity: BEV-RB 020140
Client/Metric ID: .
Laboratory ID: 20-005096-0001

Summary

Potency:

Analyte per can	Result	Limits	Units	Status	
CBD per can	26.4		mg/362.1g		CBD-Total per can 26.4 mg/362.1g
					THC-Total per can <LOQ
(Reported in milligrams per serving)					

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

Analyte	Result (mg/kg)	Limits (mg/kg)	Status
Multi-Residue Pesticide Profile*	< LOQ for all analytes		

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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

Report Number: 20-005096/D02.R00
Report Date: 05/28/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/19/20 13:36



Customer: NW Natural Goods

Product identity: BEV-RB 020140

Client/Metric ID: .

Sample Date:

Laboratory ID: 20-005096-0001

Relinquished by: Brian Ramos

Temp: 10.9 °C

Serving Size: 1 can (355ml) (362.1 g)

Sample Results

Potency per can **Method J AOAC 2015 V98-6 (mod) Batch: 2004339 Analyze: 5/22/20 8:34:00 AM**

Analyte	Result	Limits	Units	LOQ	Notes
CBC per can	< LOQ		mg/362.1g	0.361	
CBC-A per can	< LOQ		mg/362.1g	0.361	
CBC-Total per can	< LOQ		mg/362.1g	0.678	
CBD per can	26.4		mg/362.1g	0.361	
CBD-A per can	< LOQ		mg/362.1g	0.361	
CBD-Total per can	26.4		mg/362.1g	0.678	
CBDV per can	< LOQ		mg/362.1g	0.361	
CBDV-A per can	< LOQ		mg/362.1g	0.361	
CBDV-Total per can	< LOQ		mg/362.1g	0.675	
CBG per can	< LOQ		mg/362.1g	0.361	
CBG-A per can	< LOQ		mg/362.1g	0.361	
CBG-Total per can	< LOQ		mg/362.1g	0.675	
CBL per can	< LOQ		mg/362.1g	0.361	
CBN per can	< LOQ		mg/362.1g	0.361	
Δ8-THC per can	< LOQ		mg/362.1g	0.361	
Δ9-THC per can	< LOQ		mg/362.1g	0.361	
THC-A per can	< LOQ		mg/362.1g	0.361	
THC-Total per can	< LOQ		mg/362.1g	0.678	
THCV per can	< LOQ		mg/362.1g	0.361	
THCV-A per can	< LOQ		mg/362.1g	0.361	
THCV-Total per can	< LOQ		mg/362.1g	0.679	
Total Cannabinoids per can†	26.4		mg/362.1g		

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	2004206	05/22/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2004206	05/22/20	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2004207	05/22/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2004207	05/22/20	AOAC 2014.05 (RAPID)	X

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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

Report Number: 20-005096/D02.R00
Report Date: 05/28/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/19/20 13:36



Solvents		Method EPA5021A				Units µg/g	Batch 2004283	Analyze 05/22/20 08:34 AM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	30.0	pass	
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		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl	< LOQ	2170	600	pass	

Pesticides		Method AOAC 2007.01 & EN 15662 (mod)			Units mg/kg	Batch 2004404	Analyze 05/27/20 04:09 PM			
Analyte	Result	Limits	Status	Notes						
Multi-Residue Pesticide Profile†	< LOQ for all analytes									

Metals		Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ			mg/kg	0.00197	2004234	05/20/20	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ			mg/kg	0.00197	2004234	05/20/20	AOAC 2013.06 (mod.)	X
Lead	< LOQ			mg/kg	0.00197	2004234	05/20/20	AOAC 2013.06 (mod.)	X
Mercury	< LOQ			mg/kg	0.00098	2004234	05/20/20	AOAC 2013.06 (mod.)	X

Nutrition		Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Moisture (Loss on Drying)	99.5			g/100g	0.10	2004313	05/22/20	AOAC 925.10 (mod.)	X
Water Activity	0.987			Aw	0.030	2004304	05/22/20	AOAC 978.18	X

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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



Report Number: 20-005096/D02.R00
Report Date: 05/28/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/19/20 13:36

Abbreviations

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

cfu/g = Colony forming units per gram

g = Gram

g/100g = Grams per 100 Grams

µg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

mg/362.1g = Milligram per 362.1g

% = Percentage of sample

Aw = Water Activity

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



Fixis Labs
Canrabis Multi-Residue Profile, Limits of Quantitation

Compound	LOQ (mg/kg)	Compound	LOQ (mg/kg)	Compound	LOQ (mg/kg)
Abamectin	0.100	CIPC	1.000	Endrin	0.100
Acephate	0.100	Clethodim	0.050	EPN	0.050
Acequinocyl	0.100	Clethodim Sulfone	0.050	EPIC	0.100
Acetamiprid	0.020	Clethodim Sulfoxide	0.050	Esfenvalerate/ Fenvalerate	0.200
Acetochlor	0.100	Cb fen tezine	0.020	Etaconazole	0.100
Acrinathrin	0.100	Cb mazone	0.020	Ethalfuralin	0.100
Alachlor	0.100	Cb thianidin	0.200	Ethiofencarb	0.050
Aldicarb	0.100	Caumaphos	0.050	Ethion	0.200
Aldicarb sulfoxide	0.100	Crdoxyphos	0.020	Ethirimol	0.100
Aldoxycarb (Aldicarb-sulfone)	0.100	Cyazazine	0.020	Ethofumesate	0.050
Aldrin	0.100	Cyazofenphos	0.020	Ethoprophos	0.020
Ametoctradin	0.020	Cyatr aniliprole	0.050	Etofenprox	0.020
Ametryn	0.500	Cyazofamid	0.020	Etoazole	0.020
Aspon	0.100	Cydoate	0.100	Etridiazole	0.100
Asulam	0.100	Cyfluthrin	0.200	Etrinfos	0.020
Atrazine	0.100	Cyhalothrin, lambda	0.200	Famoxadone	0.200
Atrazine-desethyl	0.100	Cymoxanil	0.050	Famphur	0.100
Azinphos-ethyl	0.020	Cypermethrin	0.200	Fenamidone	0.020
Azinphos-methyl	0.020	Cyprodinil	0.100	Fenamiphos	0.020
Azoxystrobin	0.020	Dadhal	0.100	Fenamiphos sulfone	0.020
Beralaxyl	0.020	Damhozide	0.100	Fenamiphos sulfoxide	0.020
Berdicarb	0.020	DCPMU	0.050	Fenazaquin	0.100
Berfluralin	0.100	DDD, op'-	0.100	Fenbuconazole	0.100
Berxacor	0.050	DDD, p,p'-	0.100	Fenchlorphos	0.100
Bersulide	0.050	DDE, o,p'-	0.100	Fenchlorphos-oxon	0.100
BHC alpha isomer	0.100	DDE, p,p'-	0.100	Fenhexamid	0.100
BHC beta isomer	0.100	DDT, o,p'-	0.100	Fenitrothion	0.100
BHC delta isomer	0.500	DDT, p,p'-	0.100	Fenobucarb	0.050
Bifenazate	0.020	DEF (Tribufos)	0.100	Fenoxycarb	0.020
Bifenthrin	0.020	Deltamethrin	0.100	Fenpropathrin	0.050
Boscalid	0.020	Desmedipham	0.100	Fenpyroximate	0.020
Bromophos-ethyl	0.100	Diallate	0.100	Fenson	0.100
Bromophos-methyl	0.200	Diazinon	0.020	Fensulfthion	0.020
Bromopropylate	0.100	Diazoxon	0.100	Fensulfthion oxon	0.020
Bromuconazole	0.100	Dichlobenil	0.100	Fensulfthion sulfone	0.100
Bupirimate	0.020	Dichlofluanid	0.100	Fensulfthion-oxon-sulfone	0.020
Buprofezin	0.050	Dichlorvos	0.100	Fenthion	0.050
Butachlor	0.500	Diclobutrazol	0.050	Fenthion oxon	0.020
Butralin	0.200	Dicofol	0.100	Fenthion oxon sulfone	0.100
Butylate	0.100	Dicrotophos	0.050	Fenthion oxon sulfoxide	0.020
Cadusafos	0.020	Dieldrin	0.100	Fenthion sulfoxide	0.100
Captaf	1.000	Diethofencarb	0.020	Fenthion sulfone	0.050
Cartaryl	0.050	Diethyltoluamide (DEET)	0.050	Fenuron	0.020
Cartendazim	0.100	Difenoconazole	0.100	Fipronil	0.100
Cartofuran	0.020	Dimethenamid	0.050	Fonicamid	0.100
Cartophenothion	0.100	Dimethoate	0.050	Fluchloralin	0.100
Cartoxin	0.020	Dimethomorph	0.020	Flucythrinate	0.100
Carfentrazone-ethyl	0.100	Diniconazole	0.200	Fludioxonil	0.200
Chlorantraniliprole	0.020	Dinotefuran	0.200	Flufenacet	0.020
Chordane, cis-	0.200	Dioxathion	0.100	Rumioxazin	0.100
Chordane, trans-	0.200	Diphenamid	0.020	Ruometuron	0.020
Chorfenapyr	0.500	Diphenylamine	0.100	Ruopicolide	0.050
Chorfenoson	0.200	Disulfoton	0.100	Ruopyram	0.020
Chorfenvinphos	0.050	Disulfoton sulfone	0.100	Ruoxastrobin	0.050
Chlorobenzilate	0.100	Disulfoton sulfoxide	0.100	Rupyradifurone	0.020
Chloroneb	0.200	Diuron	0.050	Fluridone	0.100
Chlorpyrifos	0.050	Edifenphos	0.050	Rusilazole	0.020
Chlorpyrifos-methyl	0.200	Endosulfan apha	0.200	Rutolanil	0.020
		Endosulfan beta	0.200	Rutriafol	0.020
		Endosulfan sulfate	0.100	Fluvalinate, tau-	0.100
				Fluxapyroxad	0.020



Compound	LOQ(mg/kg)	Compound	LOQ(mg/kg)	Compound	LOQ(mg/kg)
Fomesafen	0.100	Mexacarbate	0.020	Propamocarb	0.050
Fonofos	0.100	MGK 264	0.020	Proparil	0.050
Forchlorfenuron	0.050	Mirex	0.100	Propargite	0.050
Formetanate	0.050	Molinate	0.050	Propazine	0.020
Furathiocarb	0.020	Monocrotophos	0.100	Propetamphos	0.050
Heptachlor	0.100	Monolinuron	0.020	Propham	0.050
Heptachlor epoxide	0.100	Myclobutanil	0.050	Propiconazole	0.050
Heptenophos	0.100	Naled	0.100	Propoxur	0.050
Hexachlorobenzene	0.100	Napropamide	0.050	Propoxycarbazone Na	0.050
Hexaconazole	0.100	Neburon	0.020	Propyzamide	0.050
Hexazinone	0.100	Nitrapyrin	0.100	Prthiofos	0.100
Hexythiazox	0.020	Norflurazon	0.050	Pyraclostrobin	0.020
Imazali	0.100	Omethoate	0.100	Pyrazophos	0.050
Imidacoprid	0.100	O-Phenylphenol	0.100	Pyrethrins	0.050
Indaziflam	0.020	Oxadixyl	0.100	Pyridaben	0.020
Indoxacarb	0.020	Oxaryl	0.100	Pyridafol	0.100
Iprobenfos	0.100	Oxamyl-oxime	0.100	Pyridate	0.020
Iprodione	0.100	Oxychlorane	0.100	Pyrimethanil	0.050
Isobenzan	0.100	Oxydemeton-Methyl	0.100	Pyriproxifen	0.020
Isocarbophos	0.500	Oxythioquinox	0.200	Pyroxasulfone	0.020
Isodrin	0.100	Padbutrazol	0.050	Pyrosulam	0.020
Isofenphos	0.050	Paraoxon-ethyl	0.020	Quinalphos	0.050
Isofenphos-methyl	0.020	Paraoxon methyl	0.100	Quinoxyfen	0.050
Isofenphos oxon	0.050	Parathion ethyl	0.100	Quintozene (PQNB)	0.200
Isoprocarb	0.020	Parathion methyl	0.200	Resmethrin	0.050
Isopropalin	0.200	Perconazole	0.050	Rotenone	0.050
Isoprothiolane	0.050	Perdimethalin	0.050	S421	0.100
Isoproturon	0.050	Perflufen	0.020	Smaizine	0.100
Isoxaben	0.050	Pertachloroaniline	0.100	Smectryl	0.200
Isoxaflutole	0.050	Pertachloroanisole	0.100	Spinetoram	0.020
Kresoxim-methyl	0.050	Pentachlorobenzene (PCB)	0.100	Spinosad	0.050
Lactofen	0.500	Pentachlorothiobenzene (PCTA)	0.100	Spirodiclofen	0.100
Lenacl	0.100	Perthiopyrad	0.020	Spiromesifen	0.050
Lindane (gammaBHC)	0.100	Permethrin	0.050	Spirotetramat	0.050
Linuron	0.020	Peithane	0.100	Spiroxamine	0.020
Malaaxon	0.050	Phenmedipharm	0.050	Sulfotep	0.050
Malathion	0.050	Phenthoate	0.050	Sulfoxaflor	0.050
Mandipropamid	0.020	Phorate	0.050	Sulprofos	0.020
Mecarbam	0.020	Phorate Sulfone	0.050	Tebuconazole	0.100
Mepanipyrim	0.050	Phorate Sulfoxide	0.050	Tebufenozide	0.020
Merphos	0.500	Phosalone	0.050	Tebuthiuron	0.020
Metalaxyl	0.050	Phosmet	0.100	Tecnazene	0.100
Metaldehyde	0.050	Phosphamidon	0.050	Tefluthrin	0.100
Metconazole	0.100	Phoxim	0.050	Terbufos	0.020
Methacryfos	0.100	Pinoxaden	0.020	Terbufos sulfone	0.050
Methamidophos	0.050	Piperonyl butoxide	0.050	Terbufos sulfoxide	0.050
Methidathion	0.050	Pirimicarb	0.020	Terbutylazine	0.020
Methiocarb	0.050	Pirimiphos-methyl	0.050	Terbutryn	0.020
Methiocarb sulfone	0.100	Pirimiphos-ethyl	0.020	Tetrachlorvinphos	0.050
Methiocarb sulfoxide	0.100	Prallethrin	0.100	Tetraconazole	0.050
Methomyl	0.100	Prochloraz	0.020	Tetradfon	0.200
Methoxychlor	0.100	Procyimdone	0.100	Tetramethrin	0.050
Methoxyfenozide	0.020	Prdenofos	0.100	Tetrasul	0.100
Metobromuron	0.050	Prfluralin	0.100	Thiabendazole	0.100
Metolachlor	0.100	Promecarb	0.050	Thiabendazole, 5-hydroxy	0.100
Metolcarb	0.050	Prometon	0.100	Thiadoprid	0.050
Metrafenone	0.050	Prometryn	0.020	Thiamethoxam	0.100
Metribuzin	0.100	Propadchlor	0.020	Thiobencarb	0.050
Mevinphos	0.100			Thiodicarb	0.050
				Thiophanate-methyl	0.050



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



Report Number: 20-005096/D02.R00
Report Date: 05/28/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/19/20 13:36



PIXIS Labs
 Cannabis Multi-Residue Profile, Limits of Quantitation

Compound	LOQ(mg/kg)	Compound	LOQ(mg/kg)	Compound	LOQ(mg/kg)
Tolclofos-methyl	0.100	Triazophos	0.020	Trifloxystrobin	0.020
Triforin	0.100	Tolyfluarid	0.050	Triticonazole	0.050
Tralkoxydim	0.100	Tridiphane	0.500	Vindozolin	0.100
Triadimefon	0.050	Triflumizole	0.020	Zoxamide	0.020
Triallate	0.100	Trifluralin	0.100		

LOQ=Limit of Quantitation, mg/kg

Factors affecting the LOQ include instrumentation sensitivity for a particular analyte, sample size, moisture content (percent solids) of the sample, effectiveness of the cleanup on the sample extract, and especially the type of sample matrix.



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

Report Number: 20-005096/D02.R00
Report Date: 05/28/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/19/20 13:36

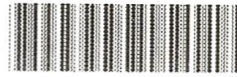


NWNATURALGOODS 20-005096



12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody



ORELAP ID: OR100028

Company: NW Natural Goods		Analysis Results											Purchase Order Number:				
Contact: Tyson Humble		NW Natural Goods											Project Number:				
Address: 11791 SE HWY 212, Clackamas, OR 97015		Full panel											Project Name:				
Email: tysonh@nwconfections.com													<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input checked="" type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30				
Phone: 314-779-6557 Fax:													Other:				
Processor's License: 330-1058115IHH																	
Field ID	Date/Time Collected	Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Mycotoxins	Other	Matrix	Weight	Serving size for edibles	Comments/Metric ID
BEV-RB 020140		X	X	X	X	X	X	X	X	X	X			water	362.1g	362.1g	

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input checked="" type="checkbox"/> Standard (5 day)	<i>TCW</i>	5.19.20	10:15am	<i>[Signature]</i>	5.19.20	10:00	Client Alias:
<input type="checkbox"/> Rush (3-4 day) (1.5x Standard)	<i>[Signature]</i>	5.19.20	12:29	Jagit Alon	05/19/20	13:36	Order Number:
<input type="checkbox"/> Priority Rush (2 day) (2x Standard)							Proper Container
							Sample Condition
							Temperature: 10.9 c
							Shipped Via:
							Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM
 Revision: 1.00 Controll#: CF023 Effective 11/8/2018 Revised 11/8/2018 www.pixislabs.com Page 1 of 2

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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



Report Number: 20-005096/D02.R00
Report Date: 05/28/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/19/20 13:36



12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

PRICES AND CHARGING

Prices to be charged for work performed for CUSTOMER are those currently published in the Columbia Food Laboratories, Inc. DBA Pixis Labs (herein referred to as "the LAB", where Columbia Food Laboratories, Inc. & Pixis Labs can be used interchangeably) standard price book unless otherwise agreed in writing by the CUSTOMER and the LAB. CUSTOMER must notify the LAB of price quotation at the time of the transfer of sample(s) to the LAB. Any cancellation of testing requirements will result in charges being assessed on all testing completed prior to the notice of cancellation. Unless otherwise agreed upon, samples containing hazardous materials will be shipped back to client at their expense, or disposed of at a certain fee, waste category dependent. Price quotes are valid for one year after initial quote date.

DELIVERY AND LIABILITY LIMITATIONS

The specific format of the goods will be defined by the CUSTOMER to the LAB upon delivery of the sample(s) to the LAB. The LAB will analyze samples provided by CUSTOMER as requested by CUSTOMER in accordance with the procedures documented in the Quality Assurance Plan (QAP). Samples are retained for 15 days. If additional time is desired, then a written request is required, and an additional monthly fee will apply.

CONFIDENTIALITY

The LAB will treat all information regarding work performed for CUSTOMER as proprietary and confidential. No CUSTOMER information will be released to third party persons without the written request of the CUSTOMER.

LIMITATION OF LIABILITY AND WARRANTY

The LAB gives no warranty, express or implied, or of fitness for a particular purpose, in connection with its analytical testing or reporting. Any liability of the LAB to CUSTOMER or any third party shall be limited to the cost of analysis charged to the CUSTOMER.

PAST DUE ACCOUNTS

Credit line account are payable within 30 days. Accounts that are 60 days past due will incur 1.5% per month on all past due sums until paid in full. Customer agrees to pay the interest as a service charge and all the LAB's collection costs, including reasonable attorney fees.

EXPERT TESTIMONY AND COURT APPEARANCES

In the event CUSTOMER requires further written opinion or testimony of any employee of the LAB, including response to a subpoena issued by CUSTOMER or any third person, the CUSTOMER agrees to pay additional fees and expenses as may be reasonably assessed by the LAB.

ALTERNATIVE DISPUTE RESOLUTION (ADR)

Any disputes arising out of this Agreement or the analytical testing or reporting by the LAB shall be settled through mediation and/or arbitration rather than litigation, and the cost of the ADR shall be borne equally by both parties.

APPLICABLE LAW

Legal matters arising from work performed by the LAB for CUSTOMER will be construed and interpreted in accordance with the laws for the state of OREGON. Samples are being received with the full understanding that they are in compliance with state and federal law.

Revision: 1.00 Control#: CF023
Effective 11/8/2018 Revised 11/8/2018

www.pixislabs.com

Page 2 of 2



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



Report Number: 20-005096/D02.R00
 Report Date: 05/28/2020
 ORELAP#: OR100028
 Purchase Order:
 Received: 05/19/20 13:36

Laboratory Quality Control Results

EPA 5021		Batch ID: 2004283										
Method Blank				Laboratory Control Sample								
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes			
Propane	ND	< 200		1210	1,190	µg/g	101.7	70 - 130				
Isobutane	ND	< 200		1540	1,520	µg/g	101.3	70 - 130				
Butane	ND	< 200		1580	1,520	µg/g	103.9	70 - 130				
2,2-Dimethylpropane	ND	< 200		1880	1,910	µg/g	98.4	70 - 130				
Methanol	ND	< 200		3180	3,210	µg/g	99.1	70 - 130				
Ethylene Oxide	ND	< 30		119	117	µg/g	101.7	70 - 130				
2-Methylbutane	ND	< 200		3220	3,200	µg/g	100.6	70 - 130				
Pentane	ND	< 200		3260	3,210	µg/g	101.6	70 - 130				
Ethanol	ND	< 200		3230	3,220	µg/g	100.3	70 - 130				
Ethyl Ether	ND	< 200		3210	3,210	µg/g	100.0	70 - 130				
2,2-Dimethylbutane	ND	< 30		321	338	µg/g	95.0	70 - 130				
Acetone	ND	< 200		3250	3,230	µg/g	100.6	70 - 130				
2-Propanol	ND	< 200		3250	3,220	µg/g	100.9	70 - 130				
Ethyl Formate	ND	< 500		2970	3,220	µg/g	92.2	70 - 130				
Acetonitrile	ND	< 100		935	986	µg/g	94.8	70 - 130				
Methyl Acetate	ND	< 500		3020	3,200	µg/g	94.4	70 - 130				
2,3-Dimethylbutane	ND	< 30		327	333	µg/g	98.2	70 - 130				
Dichloromethane	ND	< 200		893	990	µg/g	90.2	70 - 130				
2-Methylpentane	ND	< 30		317	329	µg/g	96.4	70 - 130				
MTBE	ND	< 500		3070	3,210	µg/g	95.6	70 - 130				
3-Methylpentane	ND	< 30		322	328	µg/g	98.2	70 - 130				
Hexane	ND	< 30		319	322	µg/g	99.1	70 - 130				
1-Propanol	ND	< 500		3090	3,210	µg/g	96.3	70 - 130				
Methyl ethyl ketone	ND	< 500		3090	3,220	µg/g	96.0	70 - 130				
Ethyl acetate	p	< 200		3230	3,220	µg/g	100.3	70 - 130				
2-Butanol	ND	< 200		3220	3,200	µg/g	100.6	70 - 130				
Tetrahydrofuran	ND	< 100		957	966	µg/g	99.1	70 - 130				
Cyclohexane	ND	< 200		3170	3,210	µg/g	98.8	70 - 130				
2-methyl-1-propanol	ND	< 500		3020	3,210	µg/g	94.1	70 - 130				
Benzene	ND	< 1		38.8	40.6	µg/g	95.6	70 - 130				
Isopropyl Acetate	ND	< 200		3260	3,210	µg/g	101.6	70 - 130				
Heptane	ND	< 200		3230	3,210	µg/g	100.6	70 - 130				
1-Butanol	ND	< 500		3020	3,210	µg/g	94.1	70 - 130				
Propyl Acetate	ND	< 500		3090	3,220	µg/g	96.0	70 - 130				
1,4-Dioxane	ND	< 100		953	969	µg/g	98.3	70 - 130				
2-Ethoxyethanol	ND	< 30		308	331	µg/g	93.1	70 - 130				
Methylisobutylketone	ND	< 500		3100	3,210	µg/g	96.6	70 - 130				
3-Methyl-1-butanol	ND	< 500		3040	3,210	µg/g	94.7	70 - 130				
Ethylene Glycol	ND	< 200		765	976	µg/g	78.4	70 - 130				
Toluene	ND	< 200		960	964	µg/g	99.6	70 - 130				
Isobutyl Acetate	ND	< 500		3060	3,210	µg/g	95.3	70 - 130				
1-Pentanol	ND	< 500		2950	3,200	µg/g	92.2	70 - 130				
Butyl Acetate	ND	< 500		3050	3,210	µg/g	95.0	70 - 130				
Ethylbenzene	ND	< 200		1970	1,930	µg/g	102.1	70 - 130				
m,p-Xylene	ND	< 200		1940	1,940	µg/g	100.0	70 - 130				
o-Xylene	ND	< 200		1980	1,940	µg/g	102.1	70 - 130				
Cumene	ND	< 30		325	322	µg/g	100.9	70 - 130	Q1			
Anisole	ND	< 500		2880	3,210	µg/g	89.7	70 - 130				

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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



Report Number: 20-005096/D02.R00
Report Date: 05/28/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/19/20 13:36

QC - Sample Duplicate

Sample ID: 20-004874-0003

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Formate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
MTBE	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
1-Propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methyl ethyl ketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-methyl-1-propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
1-Butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isobutyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Anisole	ND	ND	500	µg/g	0.0	< 20	Acceptable	

Abbreviations

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
 - * Screening only
- Q1 Quality Control result biased high. Only non detect samples reported.

Units of Measure:

- µg/g - Microgram per gram or ppm
- mg/Kg - Milligrams per Kilogram
- Aw- Water Activity unit



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



Report Number: 20-005096/D02.R00
Report Date: 05/28/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/19/20 13:36

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2004339**

Laboratory Control Sample										
Analyte	Result		Spike	Units	% Rec	Limits			Evaluation	Notes
CBDV-A	0.000947		0.001	%	94.7	85.0	-	115	Acceptable	
CBDV	0.000986		0.001	%	98.6	85.0	-	115	Acceptable	
CBD-A	0.000929		0.001	%	92.9	85.0	-	115	Acceptable	
CBG-A	0.000963		0.001	%	96.3	85.0	-	115	Acceptable	
CBG	0.00100		0.001	%	100	85.0	-	115	Acceptable	
CBD	0.000889		0.001	%	88.9	85.0	-	115	Acceptable	
THCV	0.000965		0.001	%	96.5	85.0	-	115	Acceptable	
THCVA	0.000909		0.001	%	90.9	85.0	-	115	Acceptable	
CBN	0.000992		0.001	%	99.2	85.0	-	115	Acceptable	
THC	0.000982		0.001	%	98.2	85.0	-	115	Acceptable	
D8THC	0.000993		0.001	%	99.3	85.0	-	115	Acceptable	
CBL	0.000966		0.001	%	96.6	85.0	-	115	Acceptable	
CBC	0.00102		0.001	%	102	85.0	-	115	Acceptable	
THCA	0.000907		0.001	%	90.7	85.0	-	115	Acceptable	
CBCA	0.000899		0.001	%	89.9	85.0	-	115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits			Evaluation	Notes
CBDV-A	<LOQ	0.0001	%	< 0.0001			Acceptable	
CBDV	<LOQ	0.0001	%	< 0.0001			Acceptable	
CBD-A	<LOQ	0.0001	%	< 0.0001			Acceptable	
CBG-A	<LOQ	0.0001	%	< 0.0001			Acceptable	
CBG	<LOQ	0.0001	%	< 0.0001			Acceptable	
CBD	<LOQ	0.0001	%	< 0.0001			Acceptable	
THCV	<LOQ	0.0001	%	< 0.0001			Acceptable	
THCVA	<LOQ	0.0001	%	< 0.0001			Acceptable	
CBN	<LOQ	0.0001	%	< 0.0001			Acceptable	
THC	<LOQ	0.0001	%	< 0.0001			Acceptable	
D8THC	<LOQ	0.0001	%	< 0.0001			Acceptable	
CBL	<LOQ	0.0001	%	< 0.0001			Acceptable	
CBC	<LOQ	0.0001	%	< 0.0001			Acceptable	
THCA	<LOQ	0.0001	%	< 0.0001			Acceptable	
CBCA	<LOQ	0.0001	%	< 0.0001			Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation

Units of Measure:

% - Percent



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



Report Number: 20-005096/D02.R00
Report Date: 05/28/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/19/20 13:36

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

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2004339						
Sample Duplicate		Sample ID: 20-005096-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBD-A	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBG-A	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBD	0.00729	0.00732	0.0001	%	0.435	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
D8THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	

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



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



Report Number: 20-005096/D02.R00
Report Date: 05/28/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/19/20 13:36

Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.