



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

Report Number: 23-005756/D002.R001
Report Date: 05/23/2023
ORELAP#: OR100028
Purchase Order:
Received: 05/12/23 12:32

This is an amended version of report# 23-005756/D002.R000.
Reason: Combine results with report 23-005881/D003.R000.

Customer:

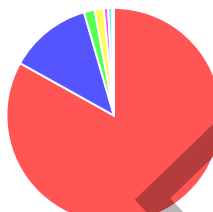
Product identity: CBG Distillate GVL-

Client/Metric ID: TST638 .

Laboratory ID: 23-005756-0002

Summary

Potency:

Analyte	Result (%)		
CBG	72.0		
CBD	10.8	<div>CBD-Total 10.8%</div> <div>THC-Total <LOQ</div> <div>(Reported in percent of total sample)</div>	
CBT	1.40		
CBE	1.18		
CBN	0.555		
CBC	0.502		
CBDV	0.0947		
CBL	0.0762		

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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Customer:

Product identity: CBG Distillate GVL-TST638 .
Client/Metric ID:
Sample Date:
Laboratory ID: 23-005756-0002
Evidence of Cooling: No
Temp: 27.0
Relinquished by: client

Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) ^p		Units %	Batch: 2307337	Analyze: 5/15/23 11:34:00 PM
Analyte	As Received	Dry weight	LOQ	Notes	
CBC	0.502		0.0743		
CBC-A	< LOQ		0.0743		
CBC-Total	0.502		0.140		
CBD	10.8		0.0743		
CBD-A	< LOQ		0.0743		
CBD-Total	10.8		0.140		
CBDV	0.0947		0.0743		
CBDV-A	< LOQ		0.0743		
CBDV-Total	< LOQ		0.139		
CBE	1.18		0.0743		
CBG	72.0		0.743		
CBG-A	< LOQ		0.0743		
CBG-Total	72.0		0.808		
CBL	0.0762		0.0743		
CBL-A	< LOQ		0.0743		
CBL-Total	< LOQ		0.140		
CBN	0.555		0.0743		
CBT	1.40		0.0743		
Δ10-THC-9R	< LOQ		0.0743		
Δ10-THC-9S	< LOQ		0.0743		
Δ10-THC-Total	< LOQ		0.149		
Δ8-THC	< LOQ		0.0743		
Δ8-THCV	< LOQ		0.0743		
Δ9-THC	< LOQ		0.0900		
exo-THC	< LOQ		0.0743		
THC-A	< LOQ		0.0743		
THC-Total	< LOQ		0.140		
THCV	< LOQ		0.0743		
THCV-A	< LOQ		0.0743		
THCV-Total	< LOQ		0.139		
Total Cannabinoids	86.7				



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Purchase Order:
Received: 05/16/23 00:00

Customer: United States of
America (USA)

Product identity:

Client/Metric ID: CBG Distillate GVL-TST638

Sample Date:

Laboratory ID: 23-005881-0002

Evidence of Cooling: No

Temp: 25 °C

Sample Results

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2307365	05/19/23 AOAC 991.14 (Petrifilm) ^P		
Total Coliforms	< LOQ		cfu/g	10	2307365	05/19/23 AOAC 991.14 (Petrifilm) ^P		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2307366	05/19/23 AOAC 2014.05 (RAPID) ^P		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2307366	05/19/23 AOAC 2014.05 (RAPID) ^P		

Solvents **Method:** Residual Solvents by GC/MS^b **Units** µg/g **Batch** 2307514 **Analyze** 05/22/23 11:29 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 (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< 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	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< 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 benzene	< LOQ	2170	600	pass	



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Pesticides										
Method: AOAC 2007.01 & EN 15662 (mod) ^b										
Units mg/kg Batch 2307471 Analyze 05/19/23 11:56 AM										
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status
Abamectin [¥]	< LOQ	0.50	0.250	pass		Acephate [¥]	< LOQ	0.40	0.200	pass
Acequinocyl [¥]	< LOQ	2.0	1.00	pass		Acetamid [¥]	< LOQ	0.20	0.100	pass
Aldicarb [¥]	< LOQ	0.40	0.200	pass		Azoxystrobin [¥]	< LOQ	0.20	0.100	pass
Bifenazate [¥]	< LOQ	0.20	0.100	pass		Bifenthrin [¥]	< LOQ	0.20	0.100	pass
Boscalid [¥]	< LOQ	0.40	0.200	pass		Carbaryl [¥]	< LOQ	0.20	0.100	pass
Carbofuran [¥]	< LOQ	0.20	0.100	pass		Chlorantraniliprole [¥]	< LOQ	0.20	0.100	pass
Chlorfenapyr [¥]	< LOQ	1.0	0.500	pass		Chlorpyrifos [¥]	< LOQ	0.20	0.100	pass
Clofentezine [¥]	< LOQ	0.20	0.100	pass		Cyfluthrin [¥]	< LOQ	1.0	0.500	pass
Cypermethrin [¥]	< LOQ	1.0	0.500	pass		Daminozide [¥]	< LOQ	1.0	0.500	pass
Diazinon [¥]	< LOQ	0.20	0.100	pass		Dichlorvos [¥]	< LOQ	1.0	0.500	pass
Dimethoate [¥]	< LOQ	0.20	0.100	pass		Ethoprophos [¥]	< LOQ	0.20	0.100	pass
Etofenprox [¥]	< LOQ	0.40	0.200	pass		Etoazole [¥]	< LOQ	0.20	0.100	pass
Fenoxycarb [¥]	< LOQ	0.20	0.100	pass		Fenpyroximate [¥]	< LOQ	0.40	0.200	pass
Fipronil [¥]	< LOQ	0.40	0.200	pass		Flonicamid [¥]	< LOQ	1.0	0.400	pass
Fludioxonil [¥]	< LOQ	0.40	0.200	pass		Hexythiazox [¥]	< LOQ	1.0	0.400	pass
Imazalil [¥]	< LOQ	0.20	0.100	pass		Imidacloprid [¥]	< LOQ	0.40	0.200	pass
Kresoxim-methyl [¥]	< LOQ	0.40	0.200	pass		Malathion [¥]	< LOQ	0.20	0.100	pass
Metalaxyl [¥]	< LOQ	0.20	0.100	pass		Methiocarb [¥]	< LOQ	0.20	0.100	pass
Methomyl [¥]	< LOQ	0.40	0.200	pass		MGK-264 [¥]	< LOQ	0.20	0.100	pass
Myclobutanil [¥]	< LOQ	0.20	0.100	pass		Naled [¥]	< LOQ	0.50	0.250	pass
Oxamyl [¥]	< LOQ	1.0	0.500	pass		Paclobutrazole [¥]	< LOQ	0.40	0.200	pass
Parathion-Methyl [¥]	< LOQ	0.20	0.100	pass		Permethrin [¥]	< LOQ	0.20	0.100	pass
Phosmet [¥]	< LOQ	0.20	0.100	pass		Piperonyl butoxide [¥]	< LOQ	2.0	1.00	pass
Prallethrin [¥]	< LOQ	0.20	0.100	pass		Propiconazole [¥]	< LOQ	0.40	0.200	pass
Propoxur [¥]	< LOQ	0.20	0.100	pass		Pyrethrin I (total) [¥]	< LOQ	1.0	0.500	pass
Pyridaben [¥]	< LOQ	0.20	0.100	pass		Spinosad [¥]	< LOQ	0.20	0.100	pass
Spiromesifen [¥]	< LOQ	0.20	0.100	pass		Spirotetramat [¥]	< LOQ	0.20	0.100	pass
Spiroxamine [¥]	< LOQ	0.40	0.200	pass		Tebuconazole [¥]	< LOQ	0.40	0.200	pass
Thiacloprid [¥]	< LOQ	0.20	0.100	pass		Thiamethoxam [¥]	< LOQ	0.20	0.100	pass
Trifloxystrobin [¥]	< LOQ	0.20	0.100	pass						

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes		
Arsenic [¥]	< LOQ	0.200	mg/kg	0.0942	2307509	05/19/23 AOAC 2013.06 (mod.) ^b	pass			
Cadmium [¥]	< LOQ	0.200	mg/kg	0.0942	2307509	05/19/23 AOAC 2013.06 (mod.) ^b	pass			
Lead [¥]	< LOQ	0.500	mg/kg	0.0942	2307509	05/19/23 AOAC 2013.06 (mod.) ^b	pass			
Mercury [¥]	< LOQ	0.100	mg/kg	0.0471	2307509	05/19/23 AOAC 2013.06 (mod.) ^b	pass			



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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

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.

¹ = ISO/IEC 17025:2017 accredited method.

Units of Measure

% = Percentage of sample

% wt = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager