



CBG Iso GVL-TST680

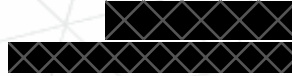
Sample ID: G3G0021-04 Matrix: Hemp Extracts & Concentrates

Test ID: 5025280

Source ID:

Date Sampled: 07/05/23 Date Accepted: 07/05/23

Harvest/Prod. Date: 06.30.2023



Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : <LOQ (0.0431%) %

Total CBG : 99.46 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Metals : PASS



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Eric Wendt
Chief Science Officer - 7/10/2023



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Sample ID: G3G0021-04 Matrix: Hemp Extracts & Concentrates

Test ID: 5025280

Source ID:

Date Sampled: 07/05/23 Date Accepted: 07/05/23

Harvest/Prod. Date: 06.30.2023



Potency Analysis by HPLC

Date/Time Extracted: 07/06/23 09:23

Analysis Method/SOP: 215

Batch Identification: 2327029

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	< LOQ	< LOQ	
Total CBD	0.0431	< LOQ	< LOQ	
Total CBG	0.0164	99.46	994.6	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	< LOQ	< LOQ	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	< LOQ	< LOQ	
CBD	0.0005	< LOQ	< LOQ	
CBDA	0.0005	< LOQ	< LOQ	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	< LOQ	< LOQ	
CBG	0.0164	99.46	994.6	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	< LOQ	< LOQ	
Total Cannabinoids		99.46	994.6	

Total THC = delta 9-THC + (THCA * 0.877)

Total CBD = CBD + (CBDA * 0.877)

Total CBG = CBG + (CBGA * 0.878)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



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Sample ID: G3G0021-04 Matrix: Hemp Extracts & Concentrates

Test ID: 5025280

Source ID:

Date Sampled: 07/05/23 Date Accepted: 07/05/23

Harvest/Prod. Date: 06.30.2023



Pesticide Analysis by LCMSMS and GCMSMS

Date/Time Extracted: 07/05/23 14:31

Analysis Method/SOP: 202

Analyte	Result	Action Level	LOD	LOQ	Units	Notes	Analyte	Result	Action Level	LOD	LOQ	Units	Notes
Abamectin	< LOQ	0.5		0.1	ppm		Acephate	< LOQ	0.4		0.1	ppm	
Acequinocyl	< LOQ	2		0.5	ppm		Acetamidrid	< LOQ	0.2		0.1	ppm	
Aldicarb	< LOQ	0.4		0.1	ppm		Azoxystrobin	< LOQ	0.2		0.1	ppm	
Bifenazate	< LOQ	0.2		0.1	ppm		Bifenthrin	< LOQ	0.2		0.1	ppm	
Boscalid	< LOQ	0.4		0.1	ppm		Carbaryl	< LOQ	0.2		0.1	ppm	
Carbofuran	< LOQ	0.2		0.1	ppm		Chlorantraniliprole	< LOQ	0.2		0.1	ppm	
Chlorfenapyr	< LOQ	1		0.1	ppm		Chlorpyrifos	< LOQ	0.2		0.1	ppm	
Clofentezine	< LOQ	0.2		0.1	ppm		Cyfluthrin	< LOQ	1		0.5	ppm	
Cypermethrin	< LOQ	1		0.5	ppm		Daminozide	< LOQ	1		0.5	ppm	
DDVP (Dichlorvos)	< LOQ	1		0.1	ppm		Diazinon	< LOQ	0.2		0.1	ppm	
Dimethoate	< LOQ	0.2		0.1	ppm		Ethoprophos	< LOQ	0.2		0.1	ppm	
Etofenprox	< LOQ	0.4		0.1	ppm		Etoxazole	< LOQ	0.2		0.1	ppm	
Fenoxycarb	< LOQ	0.2		0.1	ppm		Fenpyroximate	< LOQ	0.4		0.1	ppm	
Fipronil	< LOQ	0.4		0.1	ppm		Fonicamid	< LOQ	1		0.1	ppm	
Fludioxonil	< LOQ	0.4		0.1	ppm		Hexythiazox	< LOQ	1		0.1	ppm	
Imazalil	< LOQ	0.2		0.1	ppm		Imidacloprid	< LOQ	0.4		0.1	ppm	
Kresoxim-methyl	< LOQ	0.4		0.1	ppm		Malathion	< LOQ	0.2		0.1	ppm	
Metalaxyl	< LOQ	0.2		0.1	ppm		Methiocarb	< LOQ	0.2		0.1	ppm	
Methomyl	< LOQ	0.4		0.1	ppm		Methyl parathion	< LOQ	0.2		0.1	ppm	
MGK-264	< LOQ	0.2		0.1	ppm		Myclobutanil	< LOQ	0.2		0.1	ppm	
Naled	< LOQ	0.5		0.1	ppm		Oxamyl	< LOQ	1		0.1	ppm	
Paclobutrazol	< LOQ	0.4		0.1	ppm		Permethrins	< LOQ	0.2		0.1	ppm	
Phosmet	< LOQ	0.2		0.1	ppm		Piperonyl butoxide	< LOQ	2		0.9	ppm	
Prallethrin	< LOQ	0.2		0.1	ppm		Propiconazole	< LOQ	0.4		0.1	ppm	
Propoxur	< LOQ	0.2		0.1	ppm		Pyrethrins	< LOQ	1		0.5	ppm	
Pyridaben	< LOQ	0.2		0.1	ppm		Spinosad	< LOQ	0.2		0.1	ppm	
Spiromesifen	< LOQ	0.2		0.1	ppm		Spirotetramat	< LOQ	0.2		0.1	ppm	
Spiroxamine	< LOQ	0.4		0.1	ppm		Tebuconazole	< LOQ	0.4		0.1	ppm	
Thiacloprid	< LOQ	0.2		0.1	ppm		Thiamethoxam	< LOQ	0.2		0.1	ppm	
Trifloxystrobin	< LOQ	0.2		0.1	ppm								

ND - Compound not detected
Results above the Action Level fail state testing requirements and will be highlighted Red.



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Sample ID: G3G0021-04 Matrix: Hemp Extracts & Concentrates

Test ID: 5025280

Source ID:

Date Sampled: 07/05/23 Date Accepted: 07/05/23

Harvest/Prod. Date: 06.30.2023



Residual Solvents by GCMS-HS

Date/Time Extracted: 07/05/23 13:10

Analysis Method/SOP: 205

Analyte	Result	Action Level	LOD	LOQ	Units	Notes
1,4-Dioxane	< LOQ	380		50.00	ppm	
2-Butanol	< LOQ	5000		1000	ppm	
2-Ethoxyethanol	< LOQ	160		80.00	ppm	
2-Propanol (IPA)	< LOQ	5000		1000	ppm	
Acetone	< LOQ	5000		1000	ppm	
Acetonitrile	< LOQ	410		50.00	ppm	
Benzene	< LOQ	2		1.000	ppm	
Butanes	< LOQ	5000		1000	ppm	
Cumene	< LOQ	70		35.00	ppm	
Cyclohexane	< LOQ	3880		50.00	ppm	
Dichloromethane	< LOQ	600		50.00	ppm	
Ethanol	< LOQ			50.00	ppm	
Ethyl acetate	< LOQ	5000		1000	ppm	
Ethyl benzene	< LOQ	2170		35.00	ppm	
Ethyl ether	< LOQ	5000		1000	ppm	
Ethylene glycol	< LOQ	620		310.0	ppm	
Ethylene oxide	< LOQ	50		25.00	ppm	
Heptane	< LOQ	5000		1000	ppm	
Hexanes	< LOQ	290		50.00	ppm	
Isopropyl acetate	< LOQ	5000		1000	ppm	
Methanol	< LOQ	3000		1000	ppm	
Pentanes	< LOQ	5000		1000	ppm	
Propane	< LOQ	5000		1000	ppm	
Tetrahydrofuran	< LOQ	720		50.00	ppm	
Toluene	< LOQ	890		50.00	ppm	
Xylenes	< LOQ	2170		50.00	ppm	

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted Red.



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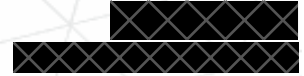
Sample ID: G3G0021-04 Matrix: Hemp Extracts & Concentrates

Test ID: 5025280

Source ID:

Date Sampled: 07/05/23 Date Accepted: 07/05/23

Harvest/Prod. Date: 06.30.2023



Metals by ICPMS

Date/Time Extracted: 07/06/23 09:11

Analysis Method/SOP: Metals

Analyte	Result	Action Level	LOD	LOQ	Units
Arsenic	< LOQ	0.2	0.03	0.08	ug/g
Cadmium	< LOQ	0.2	0.02	0.08	ug/g
Lead	< LOQ	0.5	0.01	0.08	ug/g
Mercury	< LOQ	0.1	0.01	0.04	ug/g

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted **Red**.



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Quality Control Potency

Batch: 2327029 - 215-Concentrates

Blank(2327029-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		07/06/23 09:23	07/07/23 10:41	
delta 9-THC	< LOQ	0.0005	%		07/06/23 09:23	07/07/23 10:41	
delta 8-THC	< LOQ	0.0934	%		07/06/23 09:23	07/07/23 10:41	
THCV	< LOQ	0.1052	%		07/06/23 09:23	07/07/23 10:41	
THCVA	< LOQ	0.0392	%		07/06/23 09:23	07/07/23 10:41	
CBD	< LOQ	0.0005	%		07/06/23 09:23	07/07/23 10:41	
CBDA	< LOQ	0.0005	%		07/06/23 09:23	07/07/23 10:41	
CBDV	< LOQ	0.1040	%		07/06/23 09:23	07/07/23 10:41	
CBDVA	< LOQ	0.0341	%		07/06/23 09:23	07/07/23 10:41	
CBN	< LOQ	0.0622	%		07/06/23 09:23	07/07/23 10:41	
CBG	< LOQ	0.0164	%		07/06/23 09:23	07/07/23 10:41	
CBGA	< LOQ	0.0164	%		07/06/23 09:23	07/07/23 10:41	
CBC	< LOQ	0.0186	%		07/06/23 09:23	07/07/23 10:41	

Reference(2327029-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	98.9	0.0002	%	90-110	07/06/23 09:23	07/07/23 11:05	
delta 9-THC	101	0.0002	%	90-110	07/06/23 09:23	07/07/23 11:05	
delta 8-THC	103	0.0459	%	90-110	07/06/23 09:23	07/07/23 11:05	
CBD	95.4	0.0002	%	90-110	07/06/23 09:23	07/07/23 11:05	
CBDA	90.3	0.0002	%	90-110	07/06/23 09:23	07/07/23 11:05	

Pesticide Analysis

Batch: 2327026 - 202

Blank(2327026-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Acephate	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Acequinocyl	< LOQ	0.5	ppm		07/05/23 14:31	07/07/23 07:19	
Acetamiprid	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Aldicarb	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Azoxystrobin	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Bifenazate	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Bifenthrin	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Boscalid	< LOQ	0.1	ppm		07/05/23 14:31	07/06/23 02:26	
Carbaryl	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Carbofuran	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Chlorantraniliprole	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Chlorfenapyr	< LOQ	0.1	ppm		07/05/23 14:31	07/06/23 02:26	



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Quality Control Pesticide Analysis (Continued)

Batch: 2327026 - 202 (Continued)

Blank(2327026-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Clofentezine	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Daminozide	< LOQ	0.5	ppm		07/05/23 14:31	07/07/23 07:19	
Cyfluthrin	< LOQ	0.5	ppm		07/05/23 14:31	07/06/23 02:26	
Diazinon	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Cypermethrin	< LOQ	0.5	ppm		07/05/23 14:31	07/06/23 02:26	
Dimethoate	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Ethoprophos	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Etofenprox	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Etoxazole	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Fenoxycarb	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Fenpyroximate	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Fonicamid	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Hexythiazox	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Imazalil	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Fipronil	< LOQ	0.1	ppm		07/05/23 14:31	07/06/23 02:26	
Imidacloprid	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Fludioxonil	< LOQ	0.1	ppm		07/05/23 14:31	07/06/23 02:26	
Metalaxyl	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Methiocarb	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Methomyl	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Myclobutanil	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Kresoxim-methyl	< LOQ	0.1	ppm		07/05/23 14:31	07/06/23 02:26	
Naled	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Malathion	< LOQ	0.1	ppm		07/05/23 14:31	07/06/23 02:26	
Oxamyl	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Paclobutrazol	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Permethrins	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Methyl parathion	< LOQ	0.1	ppm		07/05/23 14:31	07/06/23 02:26	
MGK-264	< LOQ	0.1	ppm		07/05/23 14:31	07/06/23 02:26	
Phosmet	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Piperonyl butoxide	< LOQ	0.9	ppm		07/05/23 14:31	07/07/23 07:19	
Prallethrin	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Propoxur	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Pyrethrins	< LOQ	0.5	ppm		07/05/23 14:31	07/07/23 07:19	
Pyridaben	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Propiconazole	< LOQ	0.1	ppm		07/05/23 14:31	07/06/23 02:26	
Spinosad	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	



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Quality Control Pesticide Analysis (Continued)

Batch: 2327026 - 202 (Continued)

Blank(2327026-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Spirotetramat	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Spiroxamine	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Tebuconazole	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Thiacloprid	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Thiamethoxam	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
Trifloxystrobin	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		07/05/23 14:31	07/07/23 07:19	

LCS(2327026-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	106	0.1	ppm	50-150	07/05/23 14:31	07/07/23 07:42	
Acephate	100	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Acequinocyl	75.5	0.5	ppm	40-160	07/05/23 14:31	07/07/23 07:42	
Acetamiprid	105	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Aldicarb	114	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Azoxystrobin	109	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Bifenazate	130	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Bifenthrin	85.2	0.1	ppm	50-150	07/05/23 14:31	07/07/23 07:42	
Boscalid	79.4	0.1	ppm	60-120	07/05/23 14:31	07/06/23 02:48	
Carbaryl	108	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Carbofuran	104	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Chlorantraniliprole	110	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Chlorfenapyr	60.9	0.1	ppm	60-120	07/05/23 14:31	07/06/23 02:48	
Chlorpyrifos	102	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Clofentezine	106	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Daminozide	109	0.5	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Cyfluthrin	82.3	0.5	ppm	50-150	07/05/23 14:31	07/06/23 02:48	
Diazinon	106	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Cypermethrin	127	0.5	ppm	50-150	07/05/23 14:31	07/06/23 02:48	
Dimethoate	103	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Ethoprophos	102	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Etofenprox	91.6	0.1	ppm	50-150	07/05/23 14:31	07/07/23 07:42	
Etoxazole	113	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Fenoxycarb	107	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Fenpyroximate	112	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Flonicamid	115	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Hexythiazox	113	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Imazalil	146	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	



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Quality Control Pesticide Analysis (Continued)

Batch: 2327026 - 202 (Continued)

LCS(2327026-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	80.9	0.1	ppm	60-120	07/05/23 14:31	07/06/23 02:48	
Imidacloprid	120	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Fludioxonil	79.2	0.1	ppm	50-150	07/05/23 14:31	07/06/23 02:48	
Metalaxyl	110	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Methiocarb	112	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Methomyl	114	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Myclobutanil	113	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Kresoxim-methyl	86.0	0.1	ppm	60-120	07/05/23 14:31	07/06/23 02:48	
Naled	108	0.1	ppm	50-150	07/05/23 14:31	07/07/23 07:42	
Malathion	104	0.1	ppm	60-120	07/05/23 14:31	07/06/23 02:48	
Oxamyl	108	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Paclobutrazol	113	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Permethrins	89.4	0.1	ppm	50-150	07/05/23 14:31	07/07/23 07:42	
Methyl parathion	70.3	0.1	ppm	50-150	07/05/23 14:31	07/06/23 02:48	
MGK-264	103	0.1	ppm	50-150	07/05/23 14:31	07/06/23 02:48	
Phosmet	110	0.1	ppm	50-150	07/05/23 14:31	07/07/23 07:42	
Piperonyl butoxide	113	0.9	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Prallethrin	110	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Propoxur	105	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Pyrethrins	96.5	0.5	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Pyridaben	105	0.1	ppm	50-150	07/05/23 14:31	07/07/23 07:42	
Propiconazole	96.7	0.1	ppm	60-120	07/05/23 14:31	07/06/23 02:48	
Spinosad	93.8	0.1	ppm	50-150	07/05/23 14:31	07/07/23 07:42	
Spiromesifen	105	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Spirotetramat	107	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Spiroxamine	101	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Tebuconazole	115	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Thiacloprid	112	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Thiamethoxam	113	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
Trifloxystrobin	108	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	
DDVP (Dichlorvos)	104	0.1	ppm	60-120	07/05/23 14:31	07/07/23 07:42	

Solvent Analysis

Batch: 2327025 - 205

Blank(2327025-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		07/05/23 13:10	07/06/23 09:38	
Acetonitrile	< LOQ	50.00	ppm		07/05/23 13:10	07/06/23 09:38	



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Eric Wendt
Chief Science Officer - 7/10/2023



Quality Control Solvent Analysis (Continued)

Batch: 2327025 - 205 (Continued)

Blank(2327025-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		07/05/23 13:10	07/06/23 09:38	
Butanes	< LOQ	1000	ppm		07/05/23 13:10	07/06/23 09:38	
2-Butanol	< LOQ	1000	ppm		07/05/23 13:10	07/06/23 09:38	
Cumene	< LOQ	35.00	ppm		07/05/23 13:10	07/06/23 09:38	
Cyclohexane	< LOQ	50.00	ppm		07/05/23 13:10	07/06/23 09:38	
Dichloromethane	< LOQ	50.00	ppm		07/05/23 13:10	07/06/23 09:38	
1,4-Dioxane	< LOQ	50.00	ppm		07/05/23 13:10	07/06/23 09:38	
Ethanol	< LOQ	50.00	ppm		07/05/23 13:10	07/06/23 09:38	
2-Ethoxyethanol	< LOQ	80.00	ppm		07/05/23 13:10	07/06/23 09:38	
Ethyl acetate	< LOQ	1000	ppm		07/05/23 13:10	07/06/23 09:38	
Ethyl benzene	< LOQ	35.00	ppm		07/05/23 13:10	07/06/23 09:38	
Ethylene glycol	< LOQ	310.0	ppm		07/05/23 13:10	07/06/23 09:38	
Ethylene oxide	< LOQ	25.00	ppm		07/05/23 13:10	07/06/23 09:38	
Ethyl ether	< LOQ	1000	ppm		07/05/23 13:10	07/06/23 09:38	
Heptane	< LOQ	1000	ppm		07/05/23 13:10	07/06/23 09:38	
Hexanes	< LOQ	50.00	ppm		07/05/23 13:10	07/06/23 09:38	
Isopropyl acetate	< LOQ	1000	ppm		07/05/23 13:10	07/06/23 09:38	
Methanol	< LOQ	1000	ppm		07/05/23 13:10	07/06/23 09:38	
Pentanes	< LOQ	1000	ppm		07/05/23 13:10	07/06/23 09:38	
Propane	< LOQ	1000	ppm		07/05/23 13:10	07/06/23 09:38	
2-Propanol (IPA)	< LOQ	1000	ppm		07/05/23 13:10	07/06/23 09:38	
Tetrahydrofuran	< LOQ	50.00	ppm		07/05/23 13:10	07/06/23 09:38	
Toluene	< LOQ	50.00	ppm		07/05/23 13:10	07/06/23 09:38	
Xylenes	< LOQ	50.00	ppm		07/05/23 13:10	07/06/23 09:38	

LCS(2327025-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	87.0	1000	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Acetonitrile	90.9	50.00	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Benzene	84.9	1.000	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Butanes	95.2	1000	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
2-Butanol	83.5	1000	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Cumene	81.3	35.00	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Cyclohexane	89.5	50.00	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Dichloromethane	91.0	50.00	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
1,4-Dioxane	86.4	50.00	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
2-Ethoxyethanol	81.3	80.00	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Ethyl acetate	86.7	1000	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Ethyl benzene	84.7	35.00	ppm	60-120	07/05/23 13:10	07/05/23 17:10	



Eric Wendt
Chief Science Officer - 7/10/2023



Quality Control Solvent Analysis (Continued)

Batch: 2327025 - 205 (Continued)

LCS(2327025-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene glycol	95.0	310.0	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Ethylene oxide	77.3	25.00	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Ethyl ether	88.0	1000	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Heptane	89.5	1000	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Hexanes	89.6	50.00	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Isopropyl acetate	85.3	1000	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Methanol	62.2	1000	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Pentanes	93.0	1000	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Propane	102	1000	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
2-Propanol (IPA)	86.4	1000	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Tetrahydrofuran	89.7	50.00	ppm	60-120	07/05/23 13:10	07/05/23 17:10	
Toluene	88.0	50.00	ppm	60-120	07/05/23 13:10	07/05/23 17:10	

Metals

Batch: 2327028 - 217

Blank(2327028-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.08	ug/g		07/06/23 09:11	07/06/23 15:03	
Lead	< LOQ	0.08	ug/g		07/06/23 09:11	07/06/23 15:03	
Arsenic	< LOQ	0.08	ug/g		07/06/23 09:11	07/06/23 15:03	
Mercury	< LOQ	0.04	ug/g		07/06/23 09:11	07/06/23 15:03	

LCS(2327028-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	100	0.08	ug/g	80-115	07/06/23 09:11	07/06/23 15:04	
Lead	106	0.08	ug/g	80-115	07/06/23 09:11	07/06/23 15:04	
Arsenic	103	0.08	ug/g	80-115	07/06/23 09:11	07/06/23 15:04	
Mercury	107	0.04	ug/g	80-115	07/06/23 09:11	07/06/23 15:04	



Eric Wendt
Chief Science Officer - 7/10/2023

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This is for informational testing and is not compliance testing. Lab results apply to the sample as received.



Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 and following Sampling Plan FN117. Quality Control samples were tested as received. Results do not include uncertainty of measurements. Available upon request.

- ATM Non-cannabis matrix related interference or suppression of Internal standard
- BLI Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .
- BLK Analyte detected in method blank, but not associated samples.
- BSH Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
- BSL Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- C Interference due to co-elution
- CBD Interference due to co-elution
- CV1 CBD matrix interference on GC Pest chromatography
- CV2 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
- INF CCV was below acceptance criteria, sample still exceeds regulatory limit.
- ISH One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
- ISL Internal Standard concentration is above acceptance criteria.
- MSH Internal Standard concentration is below acceptance criteria.
- MSI Matrix Spike High - Matrix Spike recovery above method limits.
- MSL Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
- TPP
- U Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
Internal Standard concentration outside control limit due to matrix interference



Eric Wendt
Chief Science Officer - 7/10/2023

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



Report Number: 23-007833/D002.R000
Report Date: 07/10/2023
ORELAP#: OR100028
Purchase Order:
Received: 07/03/23 11:19

Customer: ██████████
Product identity: CBG Iso GVL-TST680
Client/Metric ID: .
Laboratory ID: 23-007833-0001

Summary

Microbiology:

Less than LOQ for all analytes.



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



Report Number: 23-007833/D002.R000
Report Date: 07/10/2023
ORELAP#: OR100028
Purchase Order:
Received: 07/03/23 11:19

Customer: ██████████
 United States of America (USA)
Product identity: CBG Iso GVL-TST680
Client/Metric ID: .
Sample Date:
Laboratory ID: 23-007833-0001
Evidence of Cooling: No
Temp: 23.6 °C
Relinquished by: Client

Sample Results

Microbiology							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
E.coli	< LOQ		cfu/g	10	2308762	07/07/23 AOAC 991.14 (Petrifilm) ^P	
Total Coliforms	< LOQ		cfu/g	10	2308762	07/07/23 AOAC 991.14 (Petrifilm) ^P	
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2308763	07/07/23 AOAC 2014.05 (RAPID) ^P	
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2308763	07/07/23 AOAC 2014.05 (RAPID) ^P	



12423 NE Whitaker Way
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Report Number: 23-007833/D002.R000
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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.

^p = ISO/IEC 17025:2017 accredited method.

Units of Measure

cfu/g = Colony forming units per gram

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

Approved Signatory

Derrick Tanner
General Manager



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



Report Number: 23-007833/D002.R000
Report Date: 07/10/2023
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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.