



D8 Distillate

Sample ID: G4D0311-01RE1 Matrix: Hemp Extracts & Concentrates

Test ID: 5027168

Source ID:

Date Sampled: 04/23/24

Date Accepted: 04/23/24

Fern Valley Farms
fernvalleycbd@gmail.com

Results at a Glance

Total THC : <LOQ (0.0005%) %

Total CBD : <LOQ (0.0431%) %

delta 8-THC : 84.82 % PASS



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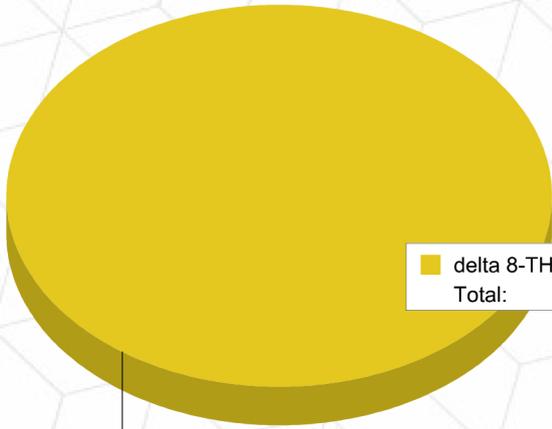
D8 Distillate

Sample ID: G4D0311-01RE1 Matrix: Hemp Extracts & Concentrates
 Test ID: 5027168
 Source ID:
 Date Sampled: 04/23/24 Date Accepted: 04/23/24

Fern Valley Farms
 fernvalleycbd@gmail.com

Potency Analysis

Date/Time Extracted: 05/02/24 11:53 Analysis Method/SOP: 215 Batch Identification: 2418043

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0005	< LOQ	< LOQ	 <p>84.8</p> <ul style="list-style-type: none"> delta 8-THC 84.8 Total: 84.8
Total CBD	0.0431	< LOQ	< LOQ	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	84.82	848.2	
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	< LOQ	< LOQ	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	< LOQ	< LOQ	
Total Cannabinoids		84.82	848.2	

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.

THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025




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Quality Control Potency

Batch: 2418043 - 215-Concentrates

Blank(2418043-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		05/02/24 11:53	05/02/24 14:59	
delta 9-THC	< LOQ	0.0005	%		05/02/24 11:53	05/02/24 14:59	
delta 8-THC	< LOQ	0.0934	%		05/02/24 11:53	05/02/24 14:59	
THCV	< LOQ	0.1052	%		05/02/24 11:53	05/02/24 14:59	
THCVA	< LOQ	0.0392	%		05/02/24 11:53	05/02/24 14:59	
CBD	< LOQ	0.0005	%		05/02/24 11:53	05/02/24 14:59	
CBDA	< LOQ	0.0005	%		05/02/24 11:53	05/02/24 14:59	
CBDV	< LOQ	0.1040	%		05/02/24 11:53	05/02/24 14:59	
CBDVA	< LOQ	0.0341	%		05/02/24 11:53	05/02/24 14:59	
CBN	< LOQ	0.0622	%		05/02/24 11:53	05/02/24 14:59	
CBG	< LOQ	0.0164	%		05/02/24 11:53	05/02/24 14:59	
CBGA	< LOQ	0.0164	%		05/02/24 11:53	05/02/24 14:59	
CBC	< LOQ	0.0186	%		05/02/24 11:53	05/02/24 14:59	

Reference(2418043-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	108	0.00005	%	90-110	05/02/24 11:53	05/02/24 15:22	
delta 9-THC	102	0.00005	%	90-110	05/02/24 11:53	05/02/24 15:22	
delta 8-THC	98.7	0.0090	%	90-110	05/02/24 11:53	05/02/24 15:22	
CBD	103	0.00005	%	90-110	05/02/24 11:53	05/02/24 15:22	
CBDA	104	0.00005	%	90-110	05/02/24 11:53	05/02/24 15:22	

Pesticide Analysis

Batch: 2417040 - 202

Blank(2417040-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Acephate	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Acequinocyl	< LOQ	0.48	ppm		04/25/24 10:54	04/25/24 18:06	
Acetamiprid	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Aldicarb	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Azoxystrobin	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Bifenazate	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Bifenthrin	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Boscalid	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 17:32	
Carbaryl	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Carbofuran	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Chlorantraniliprole	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Chlorfenapyr	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 17:32	



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Quality Control Pesticide Analysis (Continued)

Batch: 2417040 - 202 (Continued)

Blank(2417040-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Clofentezine	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Daminozide	< LOQ	0.48	ppm		04/25/24 10:54	04/25/24 18:06	
Cyfluthrin	< LOQ	0.48	ppm		04/25/24 10:54	04/25/24 17:32	
Diazinon	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Cypermethrin	< LOQ	0.48	ppm		04/25/24 10:54	04/25/24 17:32	
Dimethoate	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Ethoprophos	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Etofenprox	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Etoxazole	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Fenoxycarb	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Fenpyroximate	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Fonicamid	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Hexythiazox	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Imazalil	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Fipronil	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 17:32	
Imidacloprid	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Fludioxonil	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 17:32	
Metalaxyl	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Methiocarb	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Methomyl	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Myclobutanil	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Kresoxim-methyl	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 17:32	
Naled	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Malathion	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 17:32	
Oxamyl	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Paclobutrazol	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Permethrins	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Methyl parathion	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 17:32	
MGK-264	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 17:32	
Phosmet	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Piperonyl butoxide	< LOQ	0.90	ppm		04/25/24 10:54	04/25/24 18:06	
Prallethrin	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Propoxur	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Pyrethrins	< LOQ	0.48	ppm		04/25/24 10:54	04/25/24 18:06	
Pyridaben	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Propiconazole	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 17:32	
Spinosad	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	



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Quality Control Pesticide Analysis (Continued)

Batch: 2417040 - 202 (Continued)

Blank(2417040-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Spirotetramat	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Spiroxamine	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Tebuconazole	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Thiacloprid	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Thiamethoxam	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
Trifloxystrobin	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	
DDVP (Dichlorvos)	< LOQ	0.10	ppm		04/25/24 10:54	04/25/24 18:06	

LCS(2417040-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	106	0.10	ppm	50-150	04/25/24 10:54	04/25/24 18:32	BSH
Acephate	119	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Acequinocyl	115	0.48	ppm	40-160	04/25/24 10:54	04/25/24 18:32	
Acetamiprid	108	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Aldicarb	98.5	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Azoxystrobin	106	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Bifenazate	102	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Bifenthrin	109	0.10	ppm	50-150	04/25/24 10:54	04/25/24 18:32	
Boscalid	80.0	0.10	ppm	60-120	04/25/24 10:54	04/25/24 17:54	
Carbaryl	128	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	BSH
Carbofuran	106	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Chlorantraniliprole	102	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Chlorfenapyr	90.2	0.10	ppm	60-120	04/25/24 10:54	04/25/24 17:54	
Chlorpyrifos	104	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Clofentezine	114	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Daminozide	223	0.48	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Cyfluthrin	81.0	0.48	ppm	50-150	04/25/24 10:54	04/25/24 17:54	
Diazinon	106	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Cypermethrin	96.2	0.48	ppm	50-150	04/25/24 10:54	04/25/24 17:54	
Dimethoate	106	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Ethoprophos	107	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Etofenprox	104	0.10	ppm	50-150	04/25/24 10:54	04/25/24 18:32	
Etoxazole	105	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Fenoxycarb	101	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Fenpyroximate	98.2	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Flonicamid	100	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Hexythiazox	101	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Imazalil	107	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	



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Quality Control Pesticide Analysis (Continued)

Batch: 2417040 - 202 (Continued)

LCS(2417040-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	95.6	0.10	ppm	60-120	04/25/24 10:54	04/25/24 17:54	
Imidacloprid	106	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Fludioxonil	82.5	0.10	ppm	50-150	04/25/24 10:54	04/25/24 17:54	
Metalaxyl	105	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Methiocarb	121	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	BSH
Methomyl	101	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Myclobutanil	98.9	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Kresoxim-methyl	96.4	0.10	ppm	60-120	04/25/24 10:54	04/25/24 17:54	
Naled	103	0.10	ppm	50-150	04/25/24 10:54	04/25/24 18:32	
Malathion	88.6	0.10	ppm	60-120	04/25/24 10:54	04/25/24 17:54	
Oxamyl	102	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Paclobutrazol	105	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Permethrins	92.6	0.10	ppm	50-150	04/25/24 10:54	04/25/24 18:32	
Methyl parathion	85.8	0.10	ppm	50-150	04/25/24 10:54	04/25/24 17:54	
MGK-264	104	0.10	ppm	50-150	04/25/24 10:54	04/25/24 17:54	
Phosmet	129	0.10	ppm	50-150	04/25/24 10:54	04/25/24 18:32	
Piperonyl butoxide	97.7	0.90	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Prallethrin	103	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Propoxur	110	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Pyrethrins	108	0.48	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Pyridaben	102	0.10	ppm	50-150	04/25/24 10:54	04/25/24 18:32	
Propiconazole	78.0	0.10	ppm	60-120	04/25/24 10:54	04/25/24 17:54	
Spinosad	72.5	0.10	ppm	50-150	04/25/24 10:54	04/25/24 18:32	
Spiromesifen	99.7	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Spirotetramat	90.7	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Spiroxamine	105	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Tebuconazole	96.4	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Thiacloprid	108	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Thiamethoxam	100	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
Trifloxystrobin	106	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	
DDVP (Dichlorvos)	124	0.10	ppm	60-120	04/25/24 10:54	04/25/24 18:32	BSH

Solvent Analysis

Batch: 2417027 - 205

Blank(2417027-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		04/24/24 13:01	04/26/24 11:05	
Acetonitrile	< LOQ	50.00	ppm		04/24/24 13:01	04/26/24 11:05	



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Quality Control Solvent Analysis (Continued)

Batch: 2417027 - 205 (Continued)

Blank(2417027-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		04/24/24 13:01	04/26/24 11:05	
Butanes	< LOQ	1000	ppm		04/24/24 13:01	04/26/24 11:05	
2-Butanol	< LOQ	1000	ppm		04/24/24 13:01	04/26/24 11:05	
Cumene	< LOQ	35.00	ppm		04/24/24 13:01	04/26/24 11:05	
Cyclohexane	< LOQ	50.00	ppm		04/24/24 13:01	04/26/24 11:05	
Dichloromethane	< LOQ	50.00	ppm		04/24/24 13:01	04/26/24 11:05	
1,4-Dioxane	< LOQ	50.00	ppm		04/24/24 13:01	04/26/24 11:05	
2-Ethoxyethanol	< LOQ	80.00	ppm		04/24/24 13:01	04/26/24 11:05	
Ethyl acetate	< LOQ	1000	ppm		04/24/24 13:01	04/26/24 11:05	
Ethyl benzene	< LOQ	35.00	ppm		04/24/24 13:01	04/26/24 11:05	
Ethylene glycol	< LOQ	310.0	ppm		04/24/24 13:01	04/26/24 11:05	
Ethylene oxide	< LOQ	25.00	ppm		04/24/24 13:01	04/26/24 11:05	
Ethyl ether	< LOQ	1000	ppm		04/24/24 13:01	04/26/24 11:05	
Heptane	< LOQ	1000	ppm		04/24/24 13:01	04/26/24 11:05	
Hexanes	< LOQ	50.00	ppm		04/24/24 13:01	04/26/24 11:05	
Isopropyl acetate	< LOQ	1000	ppm		04/24/24 13:01	04/26/24 11:05	
Methanol	< LOQ	1000	ppm		04/24/24 13:01	04/26/24 11:05	
Pentanes	< LOQ	1000	ppm		04/24/24 13:01	04/26/24 11:05	
Propane	< LOQ	1000	ppm		04/24/24 13:01	04/26/24 11:05	
2-Propanol (IPA)	< LOQ	1000	ppm		04/24/24 13:01	04/26/24 11:05	
Tetrahydrofuran	< LOQ	50.00	ppm		04/24/24 13:01	04/26/24 11:05	
Toluene	< LOQ	50.00	ppm		04/24/24 13:01	04/26/24 11:05	
Xylenes	< LOQ	50.00	ppm		04/24/24 13:01	04/26/24 11:05	

LCS(2417027-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	82.2	1000	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Acetonitrile	83.7	50.00	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Benzene	64.4	1.000	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Butanes	86.7	1000	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
2-Butanol	87.7	1000	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Cumene	97.2	35.00	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Cyclohexane	91.2	50.00	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Dichloromethane	88.6	50.00	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
1,4-Dioxane	89.4	50.00	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
2-Ethoxyethanol	85.4	80.00	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Ethyl acetate	87.8	1000	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Ethyl benzene	85.5	35.00	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Ethylene glycol	91.9	310.0	ppm	60-120	04/24/24 13:01	04/25/24 07:43	



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Quality Control Solvent Analysis (Continued)

Batch: 2417027 - 205 (Continued)

LCS(2417027-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	83.1	25.00	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Ethyl ether	87.0	1000	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Heptane	85.6	1000	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Hexanes	87.9	50.00	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Isopropyl acetate	88.7	1000	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Methanol	81.8	1000	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Pentanes	85.3	1000	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Propane	96.8	1000	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
2-Propanol (IPA)	90.6	1000	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Tetrahydrofuran	84.5	50.00	ppm	60-120	04/24/24 13:01	04/25/24 07:43	
Toluene	85.7	50.00	ppm	60-120	04/24/24 13:01	04/25/24 07:43	

Metals

Batch: 2417043 - 217

Blank(2417043-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.08	ug/g		04/25/24 11:29	04/26/24 14:17	
Lead	< LOQ	0.08	ug/g		04/25/24 11:29	04/26/24 14:17	
Arsenic	< LOQ	0.08	ug/g		04/25/24 11:29	04/26/24 14:17	
Mercury	< LOQ	0.04	ug/g		04/25/24 11:29	04/26/24 14:17	

LCS(2417043-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	100	0.08	ug/g	80-115	04/25/24 11:29	04/26/24 14:18	
Lead	105	0.08	ug/g	80-115	04/25/24 11:29	04/26/24 14:18	
Arsenic	93.9	0.08	ug/g	80-115	04/25/24 11:29	04/26/24 14:18	
Mercury	94.2	0.04	ug/g	80-115	04/25/24 11:29	04/26/24 14:18	



Nolan Mundie
Lab Director - 5/3/2024

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

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



D8 Distillate

Sample ID: G4D0311-01

Matrix: Hemp Extracts & Concentrates

Test ID: 5027168

Source ID:

Date Sampled: 04/23/24

Date Accepted: 04/23/24

Fern Valley Farms
fernvalleycbd@gmail.com

Results at a Glance

Pesticides : PASS

Residual Solvent Analysis : PASS

Metals : PASS



Nolan Mundie
Lab Director - 5/3/2024



D8 Distillate

Sample ID: G4D0311-01

Matrix: Hemp Extracts & Concentrates

Test ID: 5027168

Source ID:

Date Sampled: 04/23/24

Date Accepted: 04/23/24

Fern Valley Farms
fernvalleycbd@gmail.com

Pesticide Analysis in ppm

Date/Time Extracted: 04/25/24 10:54

Analysis Method/SOP: 202

Analyte	Result	Action Level	LOD	LOQ	Units	Notes	Analyte	Result	Action Level	LOD	LOQ	Units	Notes
Abamectin	< LOQ	0.5		0.10	ppm		Acephate	< LOQ	0.4		0.10	ppm	
Acequinocyl	< LOQ	2		0.48	ppm		Acetamiprid	< LOQ	0.2		0.10	ppm	
Aldicarb	< LOQ	0.4		0.10	ppm		Azoxystrobin	< LOQ	0.2		0.10	ppm	
Bifenazate	< LOQ	0.2		0.10	ppm		Bifenthrin	< LOQ	0.2		0.10	ppm	
Boscalid	< LOQ	0.4		0.10	ppm		Carbaryl	< LOQ	0.2		0.10	ppm	
Carbofuran	< LOQ	0.2		0.10	ppm		Chlorantraniliprole	< LOQ	0.2		0.10	ppm	
Chlorfenapyr	< LOQ	1		0.10	ppm		Chlorpyrifos	< LOQ	0.2		0.10	ppm	
Clofentezine	< LOQ	0.2		0.10	ppm		Cyfluthrin	< LOQ	1		0.48	ppm	
Cypermethrin	< LOQ	1		0.48	ppm		Daminozide	< LOQ	1		0.48	ppm	
DDVP (Dichlorvos)	< LOQ	1		0.10	ppm		Diazinon	< LOQ	0.2		0.10	ppm	
Dimethoate	< LOQ	0.2		0.10	ppm		Ethoprophos	< LOQ	0.2		0.10	ppm	
Etofenprox	< LOQ	0.4		0.10	ppm		Etoxazole	< LOQ	0.2		0.10	ppm	
Fenoxycarb	< LOQ	0.2		0.10	ppm		Fenpyroximate	< LOQ	0.4		0.10	ppm	
Fipronil	< LOQ	0.4		0.10	ppm		Fonicamid	< LOQ	1		0.10	ppm	
Fludioxonil	< LOQ	0.4		0.10	ppm		Hexythiazox	< LOQ	1		0.10	ppm	
Imazalil	< LOQ	0.2		0.10	ppm		Imidacloprid	< LOQ	0.4		0.10	ppm	
Kresoxim-methyl	< LOQ	0.4		0.10	ppm		Malathion	< LOQ	0.2		0.10	ppm	
Metalaxyl	< LOQ	0.2		0.10	ppm		Methiocarb	< LOQ	0.2		0.10	ppm	
Methomyl	< LOQ	0.4		0.10	ppm		Methyl parathion	< LOQ	0.2		0.10	ppm	
MGK-264	< LOQ	0.2		0.10	ppm		Myclobutanil	< LOQ	0.2		0.10	ppm	
Naled	< LOQ	0.5		0.10	ppm		Oxamyl	< LOQ	1		0.10	ppm	
Paclobutrazol	< LOQ	0.4		0.10	ppm		Permethrins	< LOQ	0.2		0.10	ppm	
Phosmet	< LOQ	0.2		0.10	ppm		Piperonyl butoxide	< LOQ	2		0.90	ppm	
Prallethrin	< LOQ	0.2		0.10	ppm		Propiconazole	< LOQ	0.4		0.10	ppm	
Propoxur	< LOQ	0.2		0.10	ppm		Pyrethrins	< LOQ	1		0.48	ppm	
Pyridaben	< LOQ	0.2		0.10	ppm		Spinosad	< LOQ	0.2		0.10	ppm	
Spiromesifen	< LOQ	0.2		0.10	ppm		Spirotetramat	< LOQ	0.2		0.10	ppm	
Spiroxamine	< LOQ	0.4		0.10	ppm		Tebuconazole	< LOQ	0.4		0.10	ppm	
Thiacloprid	< LOQ	0.2		0.10	ppm		Thiamethoxam	< LOQ	0.2		0.10	ppm	
Trifloxystrobin	< LOQ	0.2		0.10	ppm								

ND - Compound not detected

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



Nolan Mundie
Lab Director - 5/3/2024



D8 Distillate

Sample ID: G4D0311-01

Matrix: Hemp Extracts & Concentrates

Test ID: 5027168

Source ID:

Date Sampled: 04/23/24

Date Accepted: 04/23/24

Fern Valley Farms
fernvalleycbd@gmail.com

Residual Solvents

Date/Time Extracted: 04/24/24 13:01

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	
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**.



Nolan Mundie
Lab Director - 5/3/2024



D8 Distillate

Sample ID: G4D0311-01

Matrix: Hemp Extracts & Concentrates

Test ID: 5027168

Source ID:

Date Sampled: 04/23/24

Date Accepted: 04/23/24

Fern Valley Farms
fernvalleycbd@gmail.com

Metals by ICPMS

Date/Time Extracted: 04/25/24 11:29

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**.



Nolan Mundie
Lab Director - 5/3/2024