

Certificate of Analysis

Reported: January 21, 2020



Global Health
Research & Technologies, Inc.

Overall Status PASS

Product Name	Cavinol Dark Root	Matrix	Tincture Bottle
Sample Description	CBD Oil	Batch ID	#111219
Sample Size	10ml	Collected	01/13/2020
Total Batch Size		Received	01/13/2020

Customer:
Sun Shine Global
3817 S Nova Rd #104, Port Orange, FL 32127

Global Health Research & Technologies:
413 Oak Place Unit 6-C
Port Orange, FL 32127
386-238-9688
386-238-9379

Potency

PASS

Completed: 01/20/2020

Instrument: Agilent 1100 Series w/ Thermo Scientific Auto Sampler

Method: HPLC

Analyte	LOD	LOQ	Finding mg/g
Δ9-THC	0.5	1.0	ND
Δ8-THC	0.5	1.0	ND
THCV	0.5	1.0	ND
THCA	0.5	1.0	ND
THCA-A	0.5	1.0	ND
CBD	0.5	1.0	5.4
CBDA	0.5	1.0	.33
CBG	0.5	1.0	ND
CBGA	0.5	1.0	ND
CBN	0.5	1.0	ND
CBC	0.5	1.0	.25
CBDV	0.5	1.0	ND

Total THC: 0
Total CBD: 5.68941
Total Cannabinoids: 5.93941

Moisture

PASS

Completed: 01/20/2020

Instrument: Agilent 1100 Series w/ Thermo Scientific Auto Sampler

Method: HPLC

Analyte	Finding	Limit	Status
Percent Moisture	2	13	

Residual Solvents

PASS

Completed: 01/21/2020

Instrument: 6890N-GC W/ HP 7694 Headspace Sampler

Method: GC-FID

Category I

Analyte	LOD	LOQ	Finding	Limit	Status
1,2-Dichloroethane	0.05	1.0	ND	1.0	Pass
Benzene	0.05	1.0	ND	1.0	Pass
Chloroform	0.05	1.0	ND	1.0	Pass
Ethylene oxide	0.05	1.0	ND	1.0	Pass
Methylene chloride	0.05	1.0	ND	1.0	Pass
Trichloroethylene	0.05	1.0	.69	1.0	Pass

Category II

Analyte	LOD	LOQ	Finding	Limit	Status
Acetone	0.05	1.0	ND	5000	Pass
Acetonitrile	0.05	1.0	ND	410	Pass
Butane	0.05	1.0	ND	5000	Pass
Ethanol	0.05	1.0	ND	5000	Pass
Ethyl acetate	0.05	1.0	ND	5000	Pass
Ethyl ether	0.05	1.0	ND	5000	Pass
Heptane	0.05	1.0	411	5000	Pass
Hexane	0.05	1.0	ND	290	Pass
Isopropyl alcohol	0.05	1.0	25.6	5000	Pass
Methanol	0.05	1.0	10	3000	Pass
Pentane	0.05	1.0	ND	5000	Pass
Propane	0.05	1.0	ND	5000	Pass
Toluene	0.05	1.0	3.2	890	Pass
Total xylenes (ortho-, meta-, para-)	0.05	1.0	50	2170	Pass

Category III

Analyte	LOD	LOQ	Finding	Limit	Status
p-Dichlorobenzene			ND		
o-Dichlorobenzene			ND		
1,2-Dibromo-3-chloropropane			ND		
Phenoxyacetic acid			ND		
Chloroneb			ND		
Cymoxanil			ND		
Metasystox Thiol			ND		
Dicloran			ND		
Prometon			ND		
Profluralin			ND		
2-Pivaloyl-1,3-indandione			ND		
Terbacil			ND		
3',4'-Dichloropropionanilide			ND		
Dichlofenthion			ND		
Metribuzin			ND		
Chlorpyrifos Methyl			ND		
Isoproturon			ND		
Dioxydemeton-S-Methyl			ND		
Tycor			ND		
Picloram Methyl Ester			ND		
Aldrin			ND		
Parathion			ND		
Phosfolan			ND		
Bioallethrin			ND		
Profenofos			ND		
Endrin			ND		
Nitralin			ND		
Iprodione			ND		
Methoxychlor			ND		
Bifenox			ND		

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