

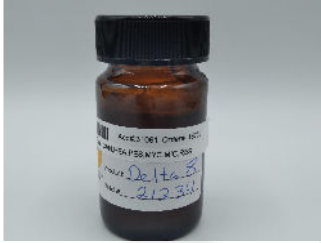
Commonwealth Extracts

6900 Riverport Dr. Ste D
Louisville, KY 40258
terri@commonwealthextracts.com
502-450-6044

Sample: 03-08-2023-31061

Sample Received: 03/08/2023;
Report Created: 03/15/2023; Expires: 03/14/2024

D8 Distillate
Concentrate & Extracts , Distillate



8.402%

Total THC

8.402%

Δ-9 THC

78.814%

Total Cannabinoids

ND %

Total CBD

Cannabinoids

(Testing Method: HPLC, CON-P-3000)
Date Tested: 03/08/2023

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0990	0.1485	70.412	704.119	<div style="width: 100%;"></div>
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0990	0.1485	8.402	84.020	<div style="width: 10%;"></div>
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
9R-Hexahydrocannabinol (9R-HHC)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
9S-Hexahydrocannabinol (9S-HHC)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
Tetrahydrocannabinol Acetate (THCO)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
Cannabidivarin (CBDV)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
Cannabidivarinic Acid (CBDVA)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
Cannabidiol (CBD)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
Cannabidiolic Acid (CBDA)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
Cannabigerol (CBG)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
Cannabigerolic Acid (CBGA)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
Cannabinol (CBN)	0.0990	0.1485	<LOQ	<LOQ	<div style="width: 0%;"></div>
Cannabinolic Acid (CBNA)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
Cannabichromene (CBC)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
Cannabichromenic Acid (CBCA)	0.0990	0.1485	ND	ND	<div style="width: 0%;"></div>
Total			78.814	788.139	

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty: ± 0.040%
Total CBD Measurement of Uncertainty: ± 2.000%
THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers



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Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868):
ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

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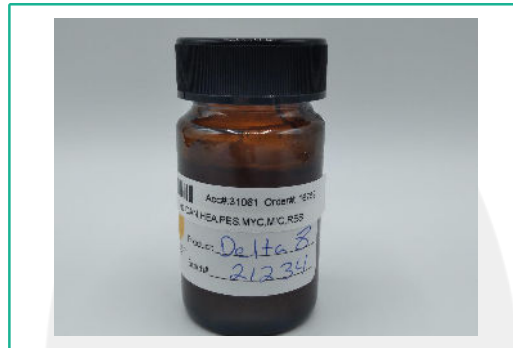
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D8 Distillate
 Concentrate & Extracts , Distillate



Heavy Metals

(Method of Analysis: ICP/MS, CON-P-7000)

Date Tested: 03/09/2023

Analyte	LOQ	Mass
	PPM	PPM
Arsenic	0.0952	<0.0952
Cadmium	0.0952	<0.0952
Lead	0.0952	<0.0952
Mercury	0.0952	<0.0952
Palladium	0.2381	<0.2381
Selenium	0.0952	<0.0952



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Pesticides

(Testing Method: LC/MS/MS & HPLC-UV, CON-P-5000)

Date Tested: 03/08/2023

Analyte	LOQ	Mass	Analyte	LOQ	Mass
	PPM	PPM		PPM	PPM
Acephate	0.100	<0.100	Imazalil	0.100	<0.100
Acequinocyl	0.100	<0.100	Imidacloprid	0.200	<0.200
Acetamiprid	0.100	<0.100	Kresoxim Methyl	0.100	<0.100
Aldicarb	0.100	<0.100	Malathion	0.100	<0.100
Avermectin B1A	0.100	<0.100	Metalaxyl	0.100	<0.100
Avermectin B1B	0.100	<0.100	Methiocarb	0.100	<0.100
Azoxystrobin	0.100	<0.100	Methomyl	0.100	<0.100
Bifenazate	0.100	<0.100	Mevinphos	0.100	<0.100
Bifenthrin	0.100	<0.100	MGK-264	0.100	<0.100
Boscalid	0.100	<0.100	Myclobutanil	0.100	<0.100
Captan	0.700	<0.700	Naled	0.250	<0.250
Carbaryl	0.100	<0.100	Oxamyl	0.500	<0.500
Carbofuran	0.100	<0.100	Paclobutrazole	0.100	<0.100
Chlorantraniliprole	0.100	<0.100	Parathion Methyl	0.100	<0.100
Chlorfenapyr	0.100	<0.100	Pentachloronitrobenzene	0.150	<0.150
Chlormequat	0.100	<0.100	Permethrins	0.100	<0.100
Chlorpyrifos	0.100	<0.100	Phosmet	0.100	<0.100
Clofentazine	0.100	<0.100	Piperonyl Butoxide	1.000	<1.000
Coumaphos	0.100	<0.100	Prallethrin	0.100	<0.100
Cyfluthrin	0.500	<0.500	Propiconazole	0.100	<0.100
Cypermethrin	0.500	<0.500	Propoxur	0.100	<0.100
Diazinon	0.100	<0.100	Pyrethrins	0.500	<0.500
Dichlorvos (DDPV)	0.050	<0.050	Pyridaben	0.100	<0.100
Dimethoate	0.100	<0.100	Spinetoram	0.100	<0.100
Dimethomorph	0.100	<0.100	Spinosad A	0.050	<0.050
Ethoprophos	0.100	<0.100	Spinosad D	0.050	<0.050
Etofenprox	0.100	<0.100	Spiromesifen	0.100	<0.100
Etoxazole	0.100	<0.100	Spirotetramat	0.100	<0.100
Fenhexamid	0.100	<0.100	Spiroxamine	0.100	<0.100
Fenoxycarb	0.100	<0.100	Tebuconazole	0.100	<0.100
Fenpyroximate	0.100	<0.100	Thiacloprid	0.100	<0.100
Fipronil	0.100	<0.100	Thiamethoxam	0.100	<0.100
Flonicamid	0.100	<0.100	Trifloxystrobin	0.100	<0.100
Fludioxonil	0.100	<0.100	Chlordane	0.100	Not Detected
Hexythiazox	0.100	<0.100	Daminozide	0.100	Not Detected



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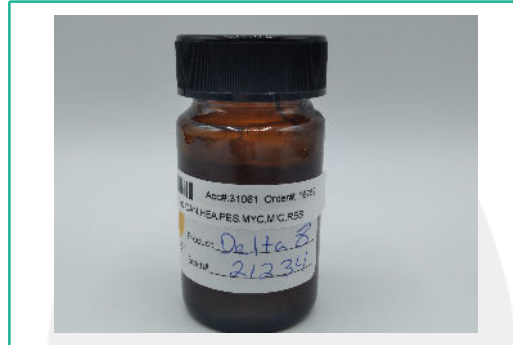
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D8 Distillate
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Mycotoxins

(Testing Method: LC/MS/MS, CON-P-5000)

Date Tested: 03/08/2023

Analyte	LOQ	Mass
	PPB	PPB
Aflatoxin B1	5.000	<5.000
Aflatoxin B2	5.000	<5.000
Aflatoxin G1	5.000	<5.000
Aflatoxin G2	5.000	<5.000
Ochratoxin A	20.000	Not Detected



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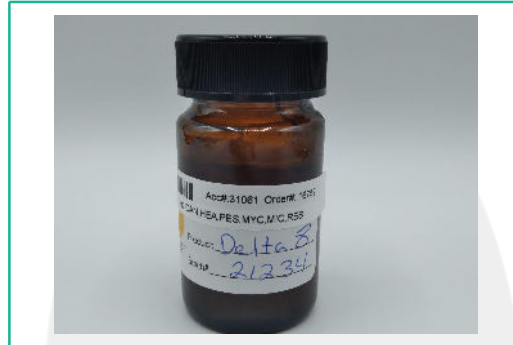
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Microbials

(Testing Method: qPCR & 3M Petrifilm & SIM Plate, CON-P-6000, CON-P-9000)
 Date Tested: 03/09/2023

Analyte	LOQ	Units
	CFU/g	CFU/g
Total Yeast and Mold Count	8	<8
Total Aerobic Bacteria Count	7	<7
Total Coliform Count	7	<7
Total Enterobacteriaceae/BTGN Count	7	<7
Aspergillus spp.		Not Detected
Shigatoxigenic Escherichia coli (STEC)		Not Detected
Salmonella		Not Detected
Listeria monocytogenes		Not Detected



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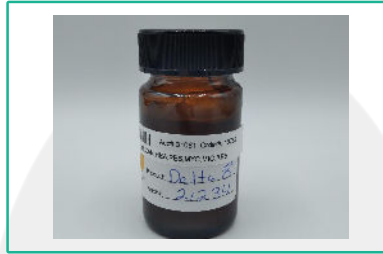
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Residual Solvents

(Testing Method: HS-GC/MS, CON-P-8000)
Date Tested: 03/08/2023

Analyte	LOQ	Mass	Analyte	LOQ	Mass
	PPM	PPM		PPM	PPM
1, 2 Dichloroethane	2.000	<2.000	Ethanol	1000.000	<1000.000
1,1 Dichloroethene	2.000	<2.000	Ethyl Acetate	250.000	<250.000
1, 2 Dimethoxyethane	20.000	<20.000	Ethyl Ether	250.000	<250.000
1, 4 Dioxane	100.000	<100.000	Ethylbenzene	100.000	<100.000
1,1,1 Trichloroethane	20.000	<20.000	Ethylene Oxide	5.000	<5.000
1,1,2 Trichloroethane	20.000	<20.000	Hexane	100.000	<100.000
1,2,3,4 Tetrahydronaphthalene	20.000	<20.000	Isobutanol	1000.000	<1000.000
2 Ethoxyethanol	20.000	<20.000	Methanol	100.000	<100.000
2 Hexanone	20.000	<20.000	n-Heptane	1000.000	<1000.000
2 Propanol	500.000	<500.000	n-Pentane	100.000	<100.000
Acetone	250.000	<250.000	n-Propanol	1000.000	<1000.000
Acetonitrile	20.000	<20.000	Nitromethane	10.000	<10.000
Benzene	1.000	<1.000	o-Xylene, m-Xylene, p-Xylene	100.000	<100.000
Butane	1000.000	<1000.000	Propane	1000.000	<1000.000
Chlorobenzene	100.000	<100.000	tert-Butanol	1000.000	<1000.000
Chloroform	2.000	<2.000	Tetrahydrofuran	100.000	<100.000
cis 1,2 Dichloroethene	100.000	<100.000	Toluene	100.000	<100.000
Diacetyl	100.000	<100.000	trans 1, 2 Dichloroethene	100.000	<100.000
Dichloromethane	100.000	<100.000	Trichloroethene	20.000	<20.000



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