



Certificate of Analysis

Powered by Confident Cannabis

Extract Labs

Boulder, CO 80301
 anh@extractlabs.com
 (720) 955-5312
 Lic. #CBD

Sample: 1903DBL0090.2289

METRC Sample:
 Lot #: 19S1010803

Strain: Granddaddy Purp Shatter 19S1010803
 Ordered: 03/08/2019; Sampled: 03/12/2019; Completed: 03/19/2019

Granddaddy Purp Shatter 19S1010803

Concentrates & Extracts, Shatter, CO2



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS



1.540%
Total Terpenes



Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
Linalool	0.009	0.869	8.69	
β-Caryophyllene	0.009	0.228	2.28	
β-Myrcene	0.009	0.205	2.05	
α-Humulene	0.009	0.197	1.97	
α-Pinene	0.009	0.016	0.16	
δ-Limonene	0.009	0.015	0.15	
δ-3-Carene	0.009	0.010	0.10	
α-Bisabolol	0.009	<LOQ	<LOQ	
α-Terpinene	0.009	<LOQ	<LOQ	
β-Pinene	0.009	<LOQ	<LOQ	
Camphene	0.009	<LOQ	<LOQ	
Caryophyllene Oxide	0.009	<LOQ	<LOQ	
cis-Nerolidol	0.006	<LOQ	<LOQ	
cis-Ocimene	0.006	<LOQ	<LOQ	
Eucalyptol	0.009	<LOQ	<LOQ	
γ-Terpinene	0.009	<LOQ	<LOQ	
Guaiol	0.009	<LOQ	<LOQ	
Isopulegol	0.009	<LOQ	<LOQ	
p-Cymene	0.009	<LOQ	<LOQ	
Terpinolene	0.009	<LOQ	<LOQ	
trans-Nerolidol	0.003	<LOQ	<LOQ	
trans-Ocimene	0.003	<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA



<LOQ
Total THC



90.017%
Total CBD

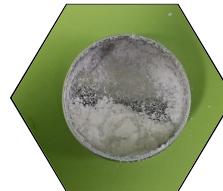


NT
Moisture: Not Tested

91.012%
Total Cannabinoids

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.026	<LOQ	<LOQ	
CBCa	0.026	<LOQ	<LOQ	
CBD	0.026	90.017	900.17	
CBDa	0.026	<LOQ	<LOQ	
CBDV	0.026	0.137	1.37	
CBDVa	0.026	<LOQ	<LOQ	
CBG	0.026	<LOQ	<LOQ	
CBGa	0.026	<LOQ	<LOQ	
CBL	0.026	<LOQ	<LOQ	
CBN	0.026	<LOQ	<LOQ	
Δ8-THC	0.026	<LOQ	<LOQ	
Δ9-THC	0.026	<LOQ	<LOQ	
THCa	0.026	<LOQ	<LOQ	
THCV	0.026	0.858	8.58	
THCVa	0.026	<LOQ	<LOQ	

Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD



Stacy Gardalen

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Quality Control

Glen Marquez

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Concentrates & Extracts, Shatter, CO2



Pesticides

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	50	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	15000	<LOQ	Pass
Bifenthrin	10	50	<LOQ	Pass
Cyfluthrin	10	4000	<LOQ	Pass
Cypermethrin	10	50	<LOQ	Pass
Daminozide	10	50	<LOQ	Pass
Dimethomorph	10	60000	<LOQ	Pass
Etoxazole	10	7000	<LOQ	Pass
Fenhexamid	10	30000	<LOQ	Pass
Flonicamid	10	7000	<LOQ	Pass
Fludioxonil	10	20	<LOQ	Pass
Imidacloprid	10	50	<LOQ	Pass
Myclobutanil	10	4000	<LOQ	Pass
Paclbutrazol	10	50	<LOQ	Pass
Piperonyl Butoxide	10	10000	<LOQ	Pass
Pyrethrins	10	1000	<LOQ	Pass
Quintozene	10	200	<LOQ	Pass
Spinetoram	10	1700	<LOQ	Pass
Spinosad	10	10000	<LOQ	Pass
Spirotetramat	10	10000	<LOQ	Pass
Thiamethoxam	10	20	<LOQ	Pass
Trifloxystrobin	10	11000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass

Microbials

Analyzed by 300.1 Plating/QPCR

Pass

Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Bile-Tolerant Gram-Negative Bacteria	10	100	<LOQ	Pass
Yeast & Mold	100	1000	<LOQ	Pass

Qualitative Analysis	Detected or Not Detected	Status
Aspergillus	Not Detected	Pass
E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass

Mycotoxins

Analyzed by 300.2 Elisa

Pass

Mycotoxin	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	4.0	20.0	<LOQ	Pass
Ochratoxin A	2.0	20.0	<LOQ	Pass

Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	63	2000	<LOQ	Pass
Cadmium	63	820	<LOQ	Pass
Lead	63	1200	<LOQ	Pass
Mercury	63	400	<LOQ	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	57	500	<LOQ	Pass
Heptanes	57	500	<LOQ	Pass
Propane	57	500	<LOQ	Pass
Isopropanol	57	500	<LOQ	Pass
Pentane	57	500	63	Pass



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Spirotetramat	10	10000	<LOQ	Pass
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Trifloxystrobin	10	11000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass



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