



# Certificate of Analysis

Powered by Confident Cannabis

## Extract Labs

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

Sample: 1903DBL0078.2266

METRC Sample:  
 Lot #: 19C1020503

Strain: Pineapple Express Crumble 19C1020503  
 Ordered: 03/07/2019; Sampled: 03/11/2019; Completed: 03/18/2019

## Pineapple Express Crumble 19C1020503

Concentrates & Extracts, Crumble, CO2



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS



1.982%  
Total Terpenes



Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
β-Caryophyllene	0.016	0.832	8.32	
δ-Limonene	0.016	0.313	3.13	
β-Myrcene	0.016	0.263	2.63	
Linalool	0.016	0.253	2.53	
α-Humulene	0.016	0.215	2.15	
β-Pinene	0.016	0.080	0.80	
α-Pinene	0.016	0.026	0.26	
α-Bisabolol	0.016	<LOQ	<LOQ	
α-Terpinene	0.016	<LOQ	<LOQ	
Camphene	0.016	<LOQ	<LOQ	
Caryophyllene Oxide	0.016	<LOQ	<LOQ	
cis-Nerolidol	0.010	<LOQ	<LOQ	
cis-Ocimene	0.010	<LOQ	<LOQ	
δ-3-Carene	0.016	<LOQ	<LOQ	
Eucalyptol	0.016	<LOQ	<LOQ	
γ-Terpinene	0.016	<LOQ	<LOQ	
Guaiol	0.016	<LOQ	<LOQ	
Isopulegol	0.016	<LOQ	<LOQ	
p-Cymene	0.016	<LOQ	<LOQ	
Terpinolene	0.016	<LOQ	<LOQ	
trans-Nerolidol	0.005	<LOQ	<LOQ	
trans-Ocimene	0.005	<LOQ	<LOQ	

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA



<LOQ  
Total THC



83.515%  
Total CBD



NT  
Moisture: Not Tested

88.434%  
Total Cannabinoids

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.024	<LOQ	<LOQ	
CBCa	0.024	<LOQ	<LOQ	
CBD	0.024	83.515	835.15	
CBDa	0.024	<LOQ	<LOQ	
CBDV	0.024	0.301	3.01	
CBDVa	0.024	<LOQ	<LOQ	
CBG	0.024	4.618	46.18	
CBGa	0.024	<LOQ	<LOQ	
CBL	0.024	<LOQ	<LOQ	
CBN	0.024	<LOQ	<LOQ	
Δ8-THC	0.024	<LOQ	<LOQ	
Δ9-THC	0.024	<LOQ	<LOQ	
THCa	0.024	<LOQ	<LOQ	
THCV	0.024	<LOQ	<LOQ	
THCVa	0.024	<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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## Pineapple Express Crumble 19C1020503

Concentrates & Extracts, Crumble, 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	8	100	<LOQ	Pass
Yeast & Mold	80	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	47	2000	<LOQ	Pass
Cadmium	47	820	<LOQ	Pass
Lead	47	1200	<LOQ	Pass
Mercury	47	400	<LOQ	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	100	500	<LOQ	Pass
Heptanes	100	500	<LOQ	Pass
Propane	100	500	<LOQ	Pass
IPA	100	500	<LOQ	Pass
Pentane	100	500	<LOQ	Pass



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Fenhexamid	10	30000	<LOQ	Pass
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Quintozene	10	200	<LOQ	Pass
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Spinosad	10	10000	<LOQ	Pass
Spirotetramat	10	10000	<LOQ	Pass
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