



Certificate of Analysis

Powered by Confident Cannabis

Arise Bioscience

Boca Raton, FL 33431
sarah.reed@arisebioscience.com
(239) 244-9418
Lic. #CBD

Sample: 2002DBL0473.3161

METRC Sample:
Batch #: 0062-PEX
Lot #: 0062-PEX

Strain: Pineapple Express
Ordered: 02/27/2020; Sampled: 02/28/2020; Completed: 03/08/2020

0062-PEX

Concentrates & Extracts, Distillate, Alcohol



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS



1.190%
Total Terpenes



Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
β-Pinene	0.009	0.323	3.23	
δ-Limonene	0.009	0.265	2.65	
β-Caryophyllene	0.009	0.257	2.57	
α-Humulene	0.009	0.093	0.93	
Linalool	0.009	0.092	0.92	
α-Bisabolol	0.009	0.057	0.57	
β-Myrcene	0.009	0.051	0.51	
α-Pinene	0.009	0.040	0.40	
Caryophyllene Oxide	0.009	0.012	0.12	
α-Terpinene	0.009	<LOQ	<LOQ	
Camphene	0.009	<LOQ	<LOQ	
cis-Nerolidol	0.006	<LOQ	<LOQ	
cis-Ocimene	0.006	<LOQ	<LOQ	
δ-3-Carene	0.009	<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



48.293%
Total CBD



NT
Moisture: Not Tested

62.775%
Total Cannabinoids

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.026	5.535	55.35	
CBCa	0.026	<LOQ	<LOQ	
CBD	0.026	48.293	482.93	
CBDa	0.026	<LOQ	<LOQ	
CBDV	0.026	2.632	26.32	
CBDVa	0.026	<LOQ	<LOQ	
CBG	0.026	2.174	21.74	
CBGa	0.026	<LOQ	<LOQ	
CBL	0.026	<LOQ	<LOQ	
CBN	0.026	4.141	41.41	
Δ8-THC	0.026	<LOQ	<LOQ	
Δ9-THC	0.026	<LOQ	<LOQ	
THCa	0.026	<LOQ	<LOQ	
THCV	0.026	<LOQ	<LOQ	
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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Quality Control



4439 Polaris Ave
Las Vegas, NV
(702) 728-5180

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0062-PEX

Concentrates & Extracts, Distillate, Alcohol



Pesticides

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

Pass

Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	200	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	400	<LOQ	Pass
Bifenthrin	10	100	<LOQ	Pass
Cyfluthrin	10	2000	<LOQ	Pass
Cypermethrin	10	1000	<LOQ	Pass
Daminozide	10	800	<LOQ	Pass
Dimethomorph	10	2000	<LOQ	Pass
Etoxazole	10	400	<LOQ	Pass
Fenhexamid	10	1000	<LOQ	Pass
Flonicamid	10	1000	<LOQ	Pass
Fludioxonil	10	500	<LOQ	Pass
Imidacloprid	10	500	<LOQ	Pass
Myclobutanil	10	400	<LOQ	Pass
Paclbutrazol	10	400	<LOQ	Pass
Piperonyl Butoxide	10	3000	<LOQ	Pass
Pyrethrins	10	2000	<LOQ	Pass
Quintozene	10	800	<LOQ	Pass
Spinetoram	10	1000	<LOQ	Pass
Spinosad	10	1000	<LOQ	Pass
Spirotetramat	10	1000	<LOQ	Pass
Thiamethoxam	10	400	<LOQ	Pass
Trifloxystrobin	10	1000	<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	8.7	Pass

Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	50	2000	<LOQ	Pass
Cadmium	50	820	<LOQ	Pass
Lead	50	1200	<LOQ	Pass
Mercury	50	400	<LOQ	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	56	500	<LOQ	Pass
Heptanes	56	500	<LOQ	Pass
Propane	56	500	<LOQ	Pass



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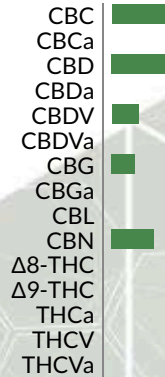
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Cannabinoids



Cannabinoids

<LOQ



Total THC

48.293%



Total CBD

62.775%



Total Cannabinoids

NT



Moisture

Cannabinoid Profile

Analyzed by 300.18 UHPLC/PDA

Cannabinoid	Mass	Mass	LOQ
	%	mg/g	%
CBC	5.535	55.35	0.026
CBCa	<LOQ	<LOQ	0.026
CBD	48.293	482.93	0.026
CBDa	<LOQ	<LOQ	0.026
CBDV	2.632	26.32	0.026
CBDVa	<LOQ	<LOQ	0.026
CBG	2.174	21.74	0.026
CBGa	<LOQ	<LOQ	0.026
CBL	<LOQ	<LOQ	0.026
CBN	4.141	41.41	0.026
Δ8-THC	<LOQ	<LOQ	0.026
Δ9-THC	<LOQ	<LOQ	0.026
THCa	<LOQ	<LOQ	0.026
THCV	<LOQ	<LOQ	0.026
THCVa	<LOQ	<LOQ	0.026
Total THC	ND	ND	
Total CBD	48.293	482.93	
Total	62.775	627.75	



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