



Certificate of Analysis

Powered by Confident Cannabis

Arise Bioscience

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

Sample: 2002DBL0182.2350.R2

METRC Sample:
 Batch #: 0050-GDP
 Lot #: 0050-GDP

Ordered: 02/11/2020; Sampled: 02/12/2020; Completed: 02/18/2020; Analyzed: 02/15/2020

0050-GDP

Concentrates & Extracts, Distillate, Alcohol



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS



0.346%
Total Terpenes



Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
α-Bisabolol	0.028	0.150	1.50	
β-Caryophyllene	0.028	0.125	1.25	
α-Humulene	0.028	0.036	0.36	
δ-Limonene	0.028	0.035	0.35	
α-Pinene	0.028	<LOQ	<LOQ	
α-Terpinene	0.028	<LOQ	<LOQ	
β-Myrcene	0.028	<LOQ	<LOQ	
β-Pinene	0.028	<LOQ	<LOQ	
Camphene	0.028	<LOQ	<LOQ	
Caryophyllene Oxide	0.028	<LOQ	<LOQ	
cis-Nerolidol	0.018	<LOQ	<LOQ	
cis-Ocimene	0.018	<LOQ	<LOQ	
δ-3-Carene	0.028	<LOQ	<LOQ	
Eucalyptol	0.028	<LOQ	<LOQ	
γ-Terpinene	0.028	<LOQ	<LOQ	
Guaiol	0.028	<LOQ	<LOQ	
Isopulegol	0.028	<LOQ	<LOQ	
Linalool	0.028	<LOQ	<LOQ	
p-Cymene	0.028	<LOQ	<LOQ	
Terpinolene	0.028	<LOQ	<LOQ	
trans-Nerolidol	0.010	<LOQ	<LOQ	
trans-Ocimene	0.010	<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA



<LOQ
Total THC



47.755%
Total CBD

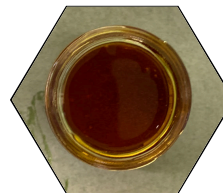


NT
Moisture: Not Tested

62.292%
Total Cannabinoids

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.028	5.157	51.57	
CBCa	0.028	<LOQ	<LOQ	
CBD	0.028	47.755	477.55	
CBDa	0.028	<LOQ	<LOQ	
CBDV	0.028	2.539	25.39	
CBDVa	0.028	<LOQ	<LOQ	
CBG	0.028	2.227	22.27	
CBGa	0.028	<LOQ	<LOQ	
CBL	0.028	0.554	5.54	
CBN	0.028	4.059	40.59	
Δ8-THC	0.028	<LOQ	<LOQ	
Δ9-THC	0.028	<LOQ	<LOQ	
THCa	0.028	<LOQ	<LOQ	
THCV	0.028	<LOQ	<LOQ	
THCVa	0.028	<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

Kelly Zaugg

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Quality Control



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

www.dblabslv.com

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METRC Sample:
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Strain: Biscotti1.5

Ordered: 02/11/2020; Sampled: 02/12/2020; Completed: 02/18/2020; Analyzed: 02/15/2020

0050-GDP

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
Pacllobutrazol	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	9	100	<LOQ	Pass
Yeast & Mold	90	1000	<LOQ	Pass

Qualitative Analysis	Detected or Not Detected	Status
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	7.7	Pass

Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	45	2000	73	Pass
Cadmium	45	820	<LOQ	Pass
Lead	45	1200	<LOQ	Pass
Mercury	45	400	<LOQ	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	182	500	<LOQ	Pass
Heptanes	182	500	<LOQ	Pass
Propane	182	500	<LOQ	Pass



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