



# Certificate of Analysis

Powered by Confident Cannabis

## Arise Bioscience

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 (561) 866-2407  
 Lic. #CBD

Sample: 2103DBL0299.2880

METRC Sample:  
 Batch #: 1082-GDP  
 Lot #: 1082-GDP

Strain: Granddaddy Purple  
 Ordered: 02/02/2022; Sampled: 02/03/2022; Completed: 02/10/2022

## 1082-GDP

Concentrates & Extracts, Distillate, Alcohol



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

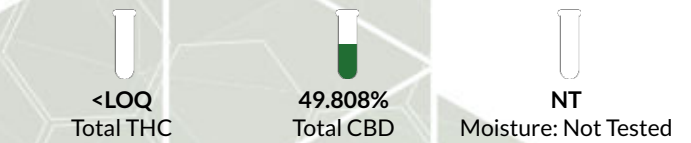
Analyzed by 300.13 GC/FID and GC/MS



Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
α-Bisabolol	0.008	0.095	0.95	
Linalool	0.008	0.090	0.90	
δ-Limonene	0.008	0.070	0.70	
β-Myrcene	0.008	0.047	0.47	
β-Caryophyllene	0.008	0.029	0.29	
α-Humulene	0.008	0.024	0.24	
β-Pinene	0.008	0.018	0.18	
α-Pinene	0.008	0.017	0.17	
Guaiol	0.008	0.010	0.10	
cis-Nerolidol	0.005	0.006	0.06	
α-Terpinene	0.008	<LOQ	<LOQ	
Camphene	0.008	<LOQ	<LOQ	
Caryophyllene Oxide	0.008	<LOQ	<LOQ	
cis-Ocimene	0.005	<LOQ	<LOQ	
δ-3-Carene	0.008	<LOQ	<LOQ	
Eucalyptol	0.008	<LOQ	<LOQ	
γ-Terpinene	0.008	<LOQ	<LOQ	
Geraniol	0.008	<LOQ	<LOQ	
Isopulegol	0.008	<LOQ	<LOQ	
p-Cymene	0.008	<LOQ	<LOQ	
Terpinolene	0.008	<LOQ	<LOQ	
trans-Nerolidol	0.003	<LOQ	<LOQ	
trans-Ocimene	0.003	<LOQ	<LOQ	

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA



Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.047	7.544	75.44	
CBCa	0.047	<LOQ	<LOQ	
CBD	0.047	49.808	498.08	
CBDa	0.047	<LOQ	<LOQ	
CBDV	0.047	0.985	9.85	
CBDVa	0.047	<LOQ	<LOQ	
CBG	0.047	1.731	17.31	
CBGa	0.047	<LOQ	<LOQ	
CBL	0.047	0.841	8.41	
CBN	0.047	4.689	46.89	
Δ8-THC	0.047	<LOQ	<LOQ	
Δ9-THC	0.047	<LOQ	<LOQ	
THCa	0.047	<LOQ	<LOQ	
THCV	0.047	0.092	0.92	
THCVa	0.047	<LOQ	<LOQ	

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



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 Laboratory Director

*Glen Marquez*  
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## 1082-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	5.4	Pass
Ochratoxin A	2.0	20.0	6.9	Pass

### Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	66	2000	<LOQ	Pass
Cadmium	66	820	<LOQ	Pass
Lead	66	1200	<LOQ	Pass
Mercury	66	400	<LOQ	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	53	500	<LOQ	Pass
Ethanol	53		<LOQ	Tested
Heptanes	53	500	<LOQ	Pass
Propane	53	500	<LOQ	Pass



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