



# Certificate of Analysis

Powered by Confident Cannabis

## Arise Bioscience

Boca Raton, FL 33432  
 sarah.reed@arisebioscience.com  
 (561) 866-2407  
 Lic. #CBD

Sample: 2011DBL0255.11207

METRC Sample:  
 Batch #: 0325-FRO  
 Lot #: 0325-FRO

Strain: Fire OG

Ordered: 11/18/2020; Sampled: 11/19/2020; Completed: 11/24/2020

### 0325-FRO

Concentrates & Extracts, Distillate, Alcohol



Pesticides

Microbials

Mycotoxins

Heavy Metals

Foreign Matter

Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS

1.454%  
Total Terpenes

Orange

Hops

Turpentine

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
δ-Limonene	0.013	0.367	3.67	
β-Myrcene	0.013	0.231	2.31	
Terpinolene	0.013	0.197	1.97	
β-Caryophyllene	0.013	0.177	1.77	
β-Pinene	0.013	0.094	0.94	
α-Bisabolol	0.013	0.093	0.93	
Linalool	0.013	0.079	0.79	
trans-Ocimene	0.005	0.076	0.76	
α-Pinene	0.013	0.060	0.60	
Guaiol	0.013	0.023	0.23	
α-Humulene	0.013	0.017	0.17	
δ-3-Carene	0.013	0.016	0.16	
Caryophyllene Oxide	0.013	0.013	0.13	
cis-Nerolidol	0.008	0.011	0.11	
α-Terpinene	0.013	<LOQ	<LOQ	
Camphene	0.013	<LOQ	<LOQ	
cis-Ocimene	0.008	<LOQ	<LOQ	
Eucalyptol	0.013	<LOQ	<LOQ	
γ-Terpinene	0.013	<LOQ	<LOQ	
Geraniol	0.013	<LOQ	<LOQ	
Isopulegol	0.013	<LOQ	<LOQ	
p-Cymene	0.013	<LOQ	<LOQ	
trans-Nerolidol	0.005	<LOQ	<LOQ	

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

<LOQ  
Total THC

55.613%  
Total CBD

NT  
Moisture: Not Tested

**69.134%**  
Total Cannabinoids

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.039	5.662	56.62	
CBCa	0.039	<LOQ	<LOQ	
CBD	0.039	55.613	556.13	
CBDa	0.039	<LOQ	<LOQ	
CBDV	0.039	0.825	8.25	
CBDVa	0.039	<LOQ	<LOQ	
CBG	0.039	2.001	20.01	
CBGa	0.039	<LOQ	<LOQ	
CBL	0.039	0.542	5.42	
CBN	0.039	4.491	44.91	
Δ8-THC	0.039	<LOQ	<LOQ	
Δ9-THC	0.039	<LOQ	<LOQ	
THCa	0.039	<LOQ	<LOQ	
THCV	0.039	<LOQ	<LOQ	
THCVa	0.039	<LOQ	<LOQ	

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



*Stacy Gardalen*  
 Stacy Gardalen  
 Quality Control

*Glen Marquez*  
 Glen Marquez  
 Quality Control



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

www.dblabslv.com

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### 0325-FRO

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	4.1	Pass
Ochratoxin A	2.0	20.0	6.8	Pass

#### Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	48	2000	<LOQ	Pass
Cadmium	48	820	<LOQ	Pass
Lead	48	1200	<LOQ	Pass
Mercury	48	400	<LOQ	Pass

#### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	83	500	<LOQ	Pass
Ethanol	83		<LOQ	Tested
Heptanes	83	500	138	Pass
Propane	83	500	<LOQ	Pass



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