



Certificate of Analysis

Powered by Confident Cannabis

Silver Shadow CBD

Sandy, UT 84070
 ryan@silvershadowcbd.com
 (801) 244-0372
 Lic. #CBD

Sample: 2002DBL0117.2163
 METRC Sample:

Strain: 3000
 Ordered: 02/07/2020; Sampled: 02/10/2020; Completed: 02/13/2020

Zia Premium

Ingestible, Tincture, Other



Cannabinoids

- CBC
- CBCa
- CBD
- CBDa
- CBDV
- CBDVa
- CBG
- CBGa
- CBL
- CBN
- Δ8-THC
- Δ9-THC
- THCa
- THCV
- THCVa

Cannabinoids

56.176
 mg/unit

Δ9-THC + Δ8-THC

3,063.132
 mg/unit

CBD

3,334.815
 mg/unit

Total Cannabinoids

NT

Moisture

1 Unit = Zia Premium, 30g

Cannabinoid Profile

Analyzed by 300.18 UHPLC/PDA

Cannabinoid	Mass mg/unit	Mass mg/g	LOQ mg/unit
CBC	141.854	4.728	1.687
CBCa	<LOQ	<LOQ	1.687
CBD	3063.132	102.104	1.687
CBDa	<LOQ	<LOQ	1.687
CBDV	32.495	1.083	1.687
CBDVa	<LOQ	<LOQ	1.687
CBG	31.932	1.064	1.687
CBGa	<LOQ	<LOQ	1.687
CBL	6.091	0.203	1.687
CBN	3.134	0.104	1.687
Δ8-THC	<LOQ	<LOQ	1.687
Δ9-THC	56.176	1.873	1.687
THCa	<LOQ	<LOQ	1.687
THCV	<LOQ	<LOQ	1.687
THCVa	<LOQ	<LOQ	1.687
Total THC	56.176	1.873	
Total CBD	3,063.132	102.104	
Total	3334.815	111.160	



Stacy Gardalen

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 Quality Control

Glen Marquez

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 Quality Control



4439 Polaris Ave
 Las Vegas, NV
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Ingestible, Tincture, Other



Terpenes

Analyzed by 300.13 GC/FID and GC/MS

Compound	LOQ	Mass	Mass	Relative Concentration
	mg/unit	mg/unit	mg/g	
Terpinolene	2.264	7.000	0.233	
β-Caryophyllene	2.264	6.522	0.217	
trans-Nerolidol	0.793	3.536	0.118	
cis-Nerolidol	1.472	2.478	0.083	
α-Humulene	2.264	2.391	0.080	
α-Bisabolol	2.264	<LOQ	<LOQ	
α-Pinene	2.264	<LOQ	<LOQ	
α-Terpinene	2.264	<LOQ	<LOQ	
β-Myrcene	2.264	<LOQ	<LOQ	
β-Pinene	2.264	<LOQ	<LOQ	
Camphene	2.264	<LOQ	<LOQ	
Caryophyllene Oxide	2.264	<LOQ	<LOQ	
cis-Ocimene	1.472	<LOQ	<LOQ	
δ-3-Carene	2.264	<LOQ	<LOQ	
δ-Limonene	2.264	<LOQ	<LOQ	
Eucalyptol	2.264	<LOQ	<LOQ	
γ-Terpinene	2.264	<LOQ	<LOQ	
Guaiol	2.264	<LOQ	<LOQ	
Isopulegol	2.264	<LOQ	<LOQ	
Linalool	2.264	<LOQ	<LOQ	
p-Cymene	2.264	<LOQ	<LOQ	
trans-Ocimene	0.793	<LOQ	<LOQ	

21.928 mg/unit
Total Terpenes



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Ingestible, Tincture, Other



Microbials Pass
Analyzed by 300.1 Plating/QPCR

Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	1000	100000	<LOQ	Pass
Bile-Tolerant Gram-Negative Bacteria	100	1000	<LOQ	Pass
Coliforms	100	1000	<LOQ	Pass
Yeast & Mold	100	10000	<LOQ	Pass

Qualitative Analysis	Detected or Not Detected	Status
E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass



Foreign Matter Pass



TNC = Too Numerous to Count



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Pesticides/Plant Growth Regulators*				Pass
Analyzed by 300.9 LC/MS/MS and GC/MS/MS				
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
Paclobutrazol*	10	400	<LOQ	Pass
Piperonyl Butoxide	10	3000	<LOQ	Pass
Plant Growth Regulators	10	50	<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



Notes:



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Residual Solvents				Pass
Analyzed by 300.13 GC/FID and GC/MS				
Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	48	500	<LOQ	Pass
Heptane	48	500	<LOQ	Pass
Propane	48	500	<LOQ	Pass



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Mycotoxins					Pass
Analyzed by 300.2 Elisa					
Mycotoxin	LOQ	Limit	Mass	Status	
	PPB	PPB	PPB		
Aflatoxins	4.0	20.0	<LOQ	Pass	
Ochratoxin A	2.0	20.0	3.7	Pass	



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Heavy Metals					Pass
Analyzed by 300.8 ICP/MS					
Element	LOQ	Limit	Mass	Status	
	PPB	PPB	PPB		
Arsenic	60	2000	63	Pass	
Cadmium	60	820	<LOQ	Pass	
Lead	60	1200	76	Pass	
Mercury	60	400	<LOQ	Pass	



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