Certificate of Analysis

SS-18587

Silver Shadow Ventures LLC

Test Result UID:	ANL0019847
Washington State Lot Inventory ID:	
Washington State Lab Inventory ID:	
Date Tested:	02/07/2019

Photographs

Summary

Cannabinoids:	THC Total:	ND %	CBD Total:	99.43 %
Terpene Total:	Not Tested		Solvent Total:	< 20 ppm
Microbial:	Pass		Pesticides:	Not Tested
Heavy Metals:	Not Tested			
Water Activity:	Not Tested	Not Tested		

Mycotoxins (Method: ELISA)

Aflatoxins Total:	4.9 ppb	Pass	Pass
Ochratoxin A Total:	< 4 ppb	Pass	

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Cannabinoid Profile (Method: HPLC-DAD)

CBG-A	ND mg/g	ND %
CBG	ND mg/g	ND %
CBG TOTAL (CBG-A * 0.878 + CBG)[1]	ND mg/g	ND %
Δ9-THC-A	ND mg/g	ND %
Δ9-THC	ND mg/g	ND %
Δ9-THCV	ND mg/g	ND %
Δ8-THC	ND mg/g	ND %
CBN	ND mg/g	ND %
THC-TOTAL (THC-A * 0.877 + THC)[1]	ND mg/g	ND %
CBD-A	ND mg/g	ND %
CBD	994.28 mg/g	99.43 %
CBDV-A	ND mg/g	ND %
CBDV	ND mg/g	ND %
CBD-TOTAL (CBD-A * 0.877 + CBD)[1]	994.28 mg/g	99.43 %
CBC	ND mg/g	ND %
ACTIVATED-TOTAL (Δ9THC + 9-THCV + Δ8THC + CBN + CBD + CBDV + CBG + CBC)[2]	994.28 mg/g	99.43 %
TOTAL DETECTED CANNABINOIDS (CBDV TOTAL + THC TOTAL + CBD TOTAL + CBG TOTAL + D8THC + CBN + CBC + THCV)	994.28 mg/g	99.43 %

1 - Cannabinoid totals are adjusted to account for the decarboxylation of the cannabinoid acids. The reported total is the amount of the activated cannabinoid that would be if all of the carboxylic acid has been removed through decarboxylation.

2 - Cannabinoids that have been activated through decarboxylation (curing/storage of flowers, or heating/cooking of edibles, tinctures, & concentrates)

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Residual Solvent Test (Method: HS-GC-FID)

Propane	< 20 ppm	Methanol	< 20 ppm
Isobutane	< 20 ppm	Acetonitrile	< 20 ppm
Butane	< 20 ppm	Dichloromethane	< 20 ppm
Ethanol	Not Tested	Ethyl Acetate	< 20 ppm
Acetone	< 20 ppm	Chloroform	< 2 ppm
Toluene	< 20 ppm	Cyclohexane	< 20 ppm
Pentane	< 20 ppm	Benzene	< 2 ppm
Isopropanol	< 20 ppm	Ethyl Benzene	< 20 ppm
Hexane	< 20 ppm	m + p Xylenes	< 20 ppm
Heptane	< 20 ppm	o Xylene	< 20 ppm
Isopentane	< 20 ppm	Total Xylenes	< 20 ppm
Tetrahydrofuran	< 20 ppm		
Total Solvents			< 20 ppm

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I-502 Microbial Analysis (Method: Plate Counting)

Bile Tolerant Gram Negative Bacteria Count	< 20 CFU/g	Pass
Salmonella spp.		Pass
Escherichia coli		Pass

Washington State Criteria:
Counts not to exceed:
1,000 Bile-tolerant Gram Negative Bacteria for solvent extracts,
10,000 Bile-tolerant Gram Negative Bacteria for hash and kief,
and *E coli* and *Salmonella* not detected in one gram for all products.

Non-Mandatory Microbial Analysis (Method: Plate Counting)

Total Aerobic Plate Count	< 20 CFU/g
Total Yeast and Mold Count	< 20 CFU/g
Coliforms	< 20 CFU/g

TNTC = Too Numerous to Count

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Analytical 360, LLC certifies that the results presented on the previous 5 pages are true and correct to the best of our knowledge. These results relate only to the sample provided by the client to Analytical 360, LLC.

Approved by: Paul D. Matthews, Ph.D.

Lab Director/Chief Science Officer

UBI: 603120434
Lab: 0004

Reference Lab:

Analytical 360 subcontracts the following assays:

Mycotoxins performed by Capitol Analysis (Lab #0022)

Labtech Notes

- None