

Page 1 of 6: Summary & Inspection
Ministry of Hemp

Test Result UID: ANL0024602

Washington State Lot Inventory ID: Washington State Lab Inventory ID:

Date Tested: 07/03/2019

Serving Size: 60 ml = 57.39 g

Photographs



Summary

Cannabinoids: THC Total: 1.77 mg/g CBD Total: 51.97 mg/g

101.79 mg/srv 2982.48 mg/srv

Terpene Total: 4.84 mg/g

277.96 mg/srv

Microbial: Pass

Pesticides: Not Tested Heavy Metals: Not Tested Water Activity: Not Tested Solvent Total: ND ppm

Mycotoxins (Method: ELISA)

Aflatoxins Total: ND ppb Pass Pass

Ochratoxin A Total: < LOQ ppb Pass

LOQ = Limit of Quantification; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected



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Certificate of Analysis Lazarus Naturals High Potency

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Potency Profile (Method: HPLC-DAD)

	CBG-A	ND mg/g	ND mg/srv	
	CBG	2.47 mg/g	141.82 mg/srv	
	CBG TOTAL (CBG-A* 0.878 + CBG) ¹	2.47 mg/g	141.82 mg/srv	
	∆9-THC-A	ND mg/g	ND mg/srv	
	Δ9-ΤΗС	1.77 mg/g	101.79 mg/srv	
Δ9-THCV		ND mg/g	ND mg/srv	
	∆8-THC	ND mg/g	ND mg/srv	
	CBN	ND mg/g	ND mg/srv	
	THC-TOTAL (THC-A * 0.877 + THC) ¹	1.77 mg/g	101.79 mg/srv	
	CBD-A	ND mg/g	ND mg/srv	
	CBD	51.97 mg/g	2982.48 mg/srv	
	CBDV-A	ND mg/g	ND mg/srv	
	CBDV	ND mg/g	ND mg/srv	
	CBD-TOTAL (CBD-A * 0.877 + CBD) ¹	51.97 mg/g	2982.48 mg/srv	
	CBC	2.91 mg/g	166.82 mg/srv	
ACTIVATED-TOTAL AGTHC + 9-THCV + A8THC + CBN + CBD + CBDV + CBG + CBC ¹²		59.12 mg/g	3392.91 mg/srv	
TOTAL DETECTED CANNABINOIDS CBDV TOTAL + THC TOTAL + CBD TOTAL + CBG TOTAL + D8THC + CBN + CBC + THCV)		59.12 mg/g	3392.91 mg/srv	

^{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)

LOQ = Limit of Quantification: LOD = Limit of Detection: NT = Not Tested: ND = Not Detected

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Terpene Profile (Method: HS-GC-FID)

Alpha Pinene	ND mg/g	ND mg/srv
Beta Pinene	ND mg/g	ND mg/srv
Myrcene	0.35 mg/g	20.10 mg/srv
Ocimene	ND mg/g	ND mg/srv
Limonene	ND mg/g	ND mg/srv
Terpinolene	ND mg/g	ND mg/srv
Linalool	ND mg/g	ND mg/srv
Caryophyllene	2.96 mg/g	169.91 mg/srv
Humulene	1.53 mg/g	87.95 mg/srv
Terpene Total	4.84 mg/g	277.96 mg/srv



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I-502 Microbial Analysis (Method: Plate Counting)

Bile Tolerant Gram Negative Bacteria Count ND CFU/g Pass

Salmonella spp. Pass

Escherichia coli Pass

Washington State Criteria:
Counts not to exceed:

10,000 Bile-tolerant Gram Negative Bacteria, and *E coli* and *Salmonella* not detected in one gram

Non-Mandatory Microbial Analysis (Method: Plate Counting)

Total Aerobic Plate Count ND CFU/g

Total Yeast and Mold Count ND CFU/g

Coliforms ND CFU/g

TNTC = Too Numerous to Count



Page 5 of 6: Residual Solvents
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Residual Solvent Test (Method: HS-GC-FID)

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

Total Solvents ND ppm



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Analytical 360, LLC certifies that the results presented on the previous 6 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: Poul D. M. Hhus, 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