



**Certificate of Analysis**  
**Jack Herer**

Page 1 of 5: Summary & Inspection  
 Yava

Test Result UID:	ANL0009620	License:	416510
Washington State Lot ID:	WAJ416510.IN3TNGM		
Washington State Sample ID:	WAL4.IN49XQG		
Date Tested:	03/27/2018		

**Photographs**



**Summary**

Cannabinoids:	THC Total: 64.41 %	CBD Total: 3.55 %
	Terpene Total: 4.97 %	Solvent Total: < 25 ppm
	Microbial: Not Tested	Pesticides: Not Tested
	Heavy Metals: Not Tested	
	Water Activity: Not Tested	Not Tested

**Mycotoxins** (Method: ELISA)

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



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Page 2 of 5: Potency  
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**Cannabinoid Profile** (Method: HPLC-DAD)

CBG-A	27.10 mg/g	2.71 %
CBG	8.11 mg/g	0.81 %
<b>CBG TOTAL</b> (CBG-A * 0.878 + CBG) <sup>1</sup>	31.91 mg/g	3.19 %
Δ9-THC-A	521.62 mg/g	52.16 %
Δ9-THC	186.62 mg/g	18.66 %
Δ9-THCV	< 0.01 mg/g	< 0.01 %
Δ8-THC	< 0.01 mg/g	< 0.01 %
CBN	< 0.01 mg/g	< 0.01 %
<b>THC-TOTAL</b> (THC-A * 0.877 + THC) <sup>1</sup>	644.08 mg/g	64.41 %
CBD-A	40.47 mg/g	4.05 %
CBD	< 0.01 mg/g	< 0.01 %
CBDV-A	< 0.01 mg/g	< 0.01 %
CBDV	< 0.01 mg/g	< 0.01 %
<b>CBD-TOTAL</b> (CBD-A * 0.877 + CBD) <sup>1</sup>	35.49 mg/g	3.55 %
CBC	< 0.01 mg/g	< 0.01 %
<b>ACTIVATED-TOTAL</b> (Δ9THC + 9-THCV + Δ8THC + CBN + CBD + CBDV + CBG + CBC) <sup>2</sup>	194.73 mg/g	19.47 %
<b>TOTAL DETECTED CANNABINOIDS</b> (CBDV TOTAL + THC TOTAL + CBD TOTAL + CBG TOTAL + D8THC + CBN + CBC + THCV)	711.48 mg/g	71.15 %

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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Page 3 of 5: Terpenes  
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### Terpene Profile (Method: HS-GC-FID)

Alpha Pinene	0.03 mg/g	< 0.01 %
Beta Pinene	0.19 mg/g	0.02 %
Myrcene	1.57 mg/g	0.16 %
Ocimene	0.40 mg/g	0.04 %
Limonene	1.88 mg/g	0.19 %
Terpinolene	15.27 mg/g	1.53 %
Linalool	0.53 mg/g	0.05 %
Caryophyllene	21.89 mg/g	2.19 %
Humulene	7.92 mg/g	0.79 %
<b>Terpene Total</b>	<b>49.66 mg/g</b>	<b>4.97 %</b>



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

Propane	< 25 ppm	Methanol	< 25 ppm
Isobutane	< 25 ppm	Acetonitrile	< 25 ppm
Butane	< 25 ppm	Dichloromethane	< 25 ppm
Ethanol	< 25 ppm	Ethyl Acetate	< 25 ppm
Acetone	< 25 ppm	Chloroform	< 2 ppm
Toluene	< 25 ppm	Cyclohexane	< 25 ppm
Pentane	< 25 ppm	Benzene	< 2 ppm
Isopropanol	< 25 ppm	Ethyl Benzene	< 25 ppm
Hexane	< 25 ppm	m + p Xylenes	< 25 ppm
Heptane	< 25 ppm	o Xylene	< 25 ppm
		Total Xylenes	< 25 ppm
Total Solvents			< 25 ppm



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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: Dr. Paul Mathews

UBI: 603120434  
Lab: 0004

## Labtech Notes

- None