



Certificate of Analysis

Sample: Jacks Hammer 8719
 Date Tested: 5/2/2017
 Test Result UID: ANL20170429F188658 <http://anl360.co/m/691258>
 WSLCB Tracking: 6033 5611 9000 8855

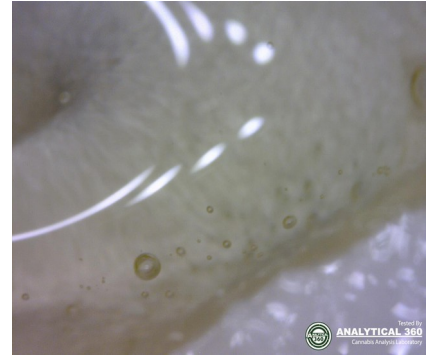
Photographs



25x

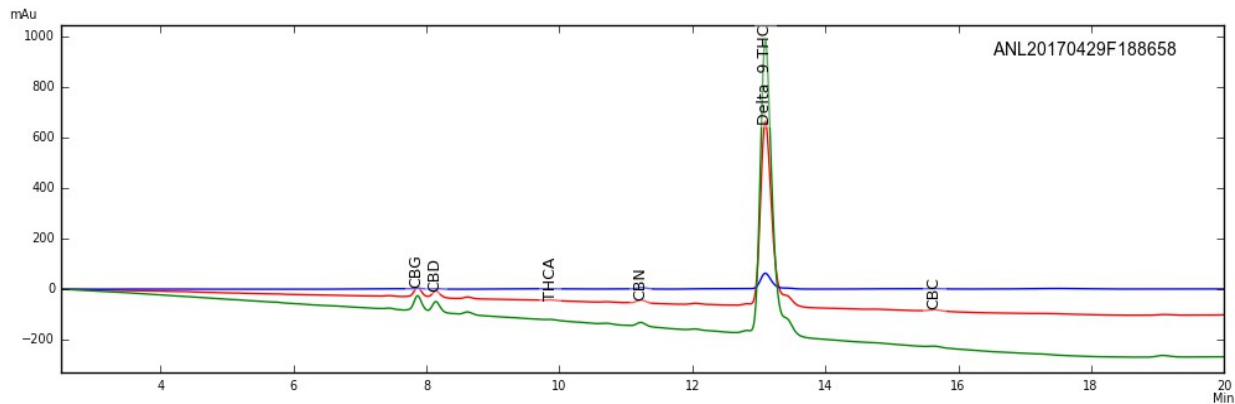


50x



230x

HPLC Chromatogram



Cannabinoid Potency

0.23% Delta-9 THC Acid	< 0.01% CBD-Acid
81.68% Delta-9 THC	2.00% CBD
0.48% CBN	2.00% CBD-Total*
2.72% CBG	0.52% CBC
81.88% Total THC (THC-A x (0.877) + THC)*	
87.60% Total Detected Cannabinoids (Total THC + Total CBD + CBN + CBG + CBC)	

* Total THC & CBD = content adjusted to account for the change in mass due to decarboxylation



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Foreign matter inspection: 0 % PASS

Microbial screen:

Total aerobic plate count	<25 CFUs/gram	PASS
Total yeast and mold count	<25 CFUs/gram	PASS
Bile-tolerant gram negative bacteria count	<25 CFUs/gram	PASS
Coliforms	<25 CFUs/gram	PASS
E. coli	ND	PASS
Salmonella spp.	ND	PASS

*Limits

ND= not detected

Microbial

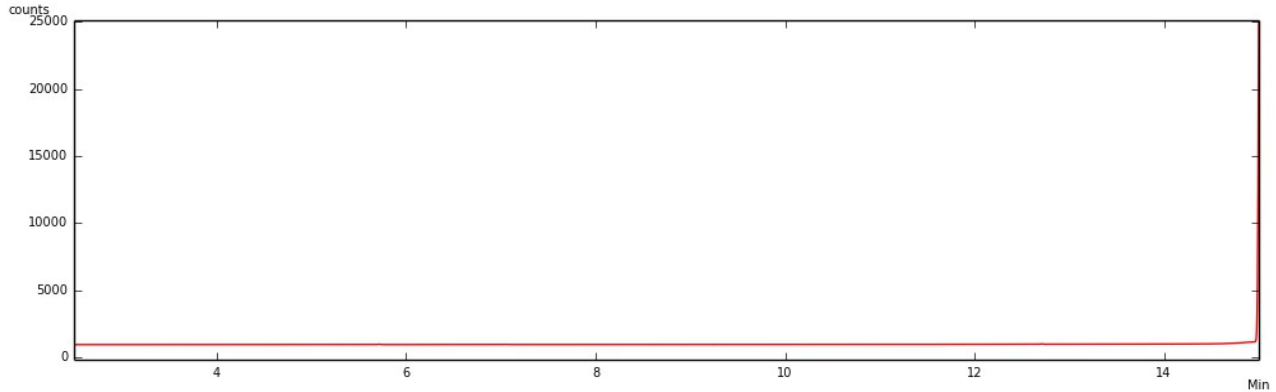
Not to exceed 10,000 Total aerobic plate count, 1,000 Total yeast and mold count, 100 bile-tolerant gram negative bacteria, 100 coliforms, and *E coli* and *Salmonella* not detected in one gram

Approved by: Dr. Paul Matthews



Certificate of Analysis – Residual Solvent Analysis

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GC Chromatogram



- | | |
|---------------------|------------------------|
| < 2 ppm Propane | < 2 ppm Acetonitrile |
| < 2 ppm Isobutane | < 2 ppm Hexane |
| < 2 ppm Butane | < 2 ppm Chloroform |
| < 2 ppm Methanol | < 2 ppm Benzene |
| < 2 ppm Pentane | < 2 ppm Heptane |
| < 2 ppm Ethanol | < 2 ppm Tolulene |
| < 2 ppm Acetone | < 2 ppm Total Xylenes* |
| < 2 ppm Isopropanol | |

*Total Xylenes equal the sum of M,P-xylene, O-xylene & ethyl benzene

< 2 TOTAL ppm

Total Residual Solvents not to exceed 500ppm

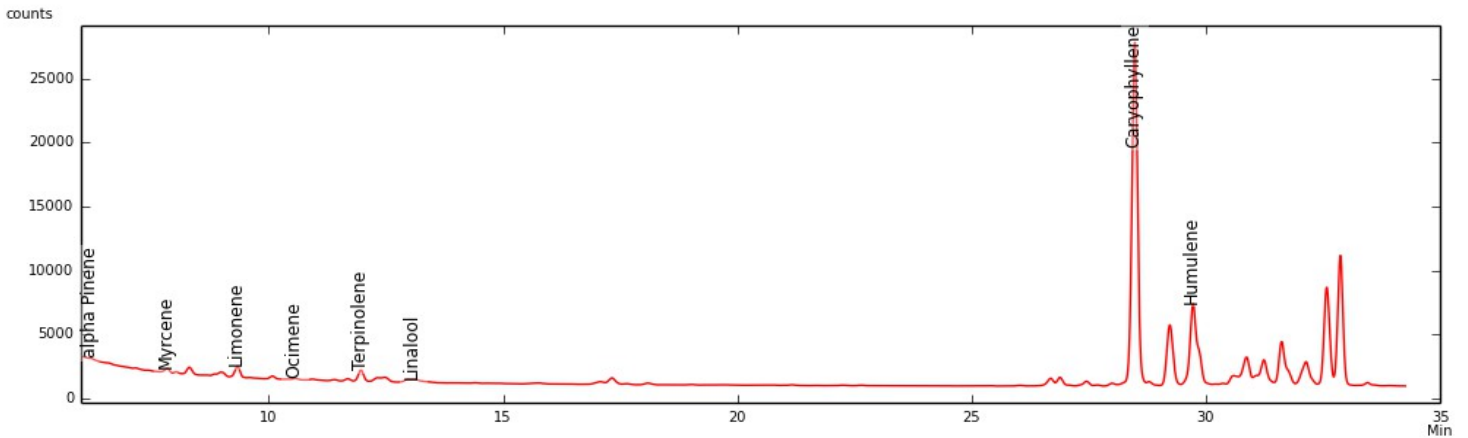
No Hexane or Naphtha may be used in production of concentrates



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GC-FID Chromatogram



	mg/g	%
α-Pinene	0.000	0.000
β-Pinene	0.000	0.000
Myrcene	0.000	0.000
Limonene	0.033	0.003
Ocimene*	0.000	0.000
Terpinolene	0.052	0.005
Linalool	0.202	0.020
Caryophyllene	11.047	1.105
Humulene	4.561	0.456
Total detected	15.895	1.590

*compound concentration based on beta Pinene
 Detection limit of 0.05 mg/g

Approved by: Dr. Paul Matthews