



pH SOLUTIONS

pH Solutions, LLC  
181 W. Huntington Dr. #106 Monrovia, CA 91016  
C18-17-000001-TEMP  
Info@pHS-lab.com, www.pHS-lab.com

Distributor	0
Source	0

**1**  
**T&T #:**  
 190308-144-JC-1  
**Batch #:**  
 0

<b>Analysis Performed For</b>
MH Hemp
<b>Date Analyzed</b>
03/15/2019
<b>Sample Name</b>
CBG
<b>Description</b>
Batch #2105

Cannabinoid Profile			
Cannabinoids	Wt. %	mg/gram	mg/mL
Δ <sup>9</sup> -THC Total	0.02	0.24	0.22
CBD Total	0.32	3.19	2.90
CBG Total	2.39	23.92	21.79
Δ <sup>9</sup> -THC	0.02	0.24	0.22
Δ <sup>9</sup> -THCA	ND	ND	ND
CBD	0.32	3.19	2.90
CBDA	ND	ND	ND
CBG	2.39	23.92	21.79
CBGA	ND	ND	ND
CBN	ND	ND	ND
CBC	0.02	0.20	0.18
Δ8-THC	ND	ND	ND
<b>Cannabinoids</b>	Pass		
Microbial Impurities			
Contaminant	Action Level (cfu/g)	Pass/Fail	
<i>E. coli</i> (STEC)	LLOD	Pass	
<i>Salmonella</i> spp.	LLOD	Pass	
<i>A. fumigatus, niger flavus, &amp; terreus</i>	LLOD	Pass	

Date Completed

Moisture Content and Water Activity			
Analysis	Action Level	Amount Present	Pass/Fail
Moisture Content	13.00%	NT	NT
Water Activity	0.65 A <sub>w</sub>	NT	NT

Foreign Material Analysis	
Pass or Fail:	PASS

Residual Solvent Detection			
Category 1 or 2 Residual Solvent or Processing Chemical	Action Level (ug/g)		Amount Detected (ug/g)
	LOQ ppm	All Cannabis Products	
Acetone II	16	5000	ND
Acetonitrile	2.5	410	ND
Benzene I	0.1	LLOD	ND
Butane II	17	5000	ND
Chloroform I	0.5	LLOD	ND
1,2-Dichloroethane I	0.3	LLOD	ND
Ethanol II	1	5000	ND
Ethyl Acetate II	84	5000	ND
Ethyl Ether II	18	5000	ND
Ethylene Oxide I	1	LLOD	ND
Heptane II	90	5000	ND
Hexane II	1	290	ND
Isopropyl Alcohol II	21	5000	ND
Methanol II	167	3000	ND
Methylene Chloride I	1	LLOD	ND
Pentane II	19	5000	ND
Propane II	59	5000	ND
Toluene II	33	890	ND
Total xylenes II	10	2170	ND
Trichloroethylene I	1	LLOD	ND
Residual Solvent Results (Pass/Fail)			
Other Cannabis & Cannabis Products		Pass	

Date Completed

Certified by Lab Director  
Dr. Raquel Keledjian



Residual Pesticide Detection			
Category 1 or 2 Residual Pesticide	Action Level (ug/g)		Amount Detected (ug/g)
	Inhalable Cannabis & Cannabis Products	Other Cannabis & Cannabis Products	
Acephate II	0.100	5.000	ND
Acequinocyl II	0.100	4.000	ND
Acetamiprid II	0.100	5.000	ND
Aldicarb I II	LLOD	LLOD	ND
Abamectin II	0.100	0.300	ND
Azoxystrobin II	0.100	40.000	ND
Bifenazate II	0.100	5.000	ND
Bifenthrin II	3.000	0.500	ND
Boscalid II	0.100	10.000	ND
Captan II	0.700	5.000	ND
Carbaryl II	0.500	0.500	ND
Carbofuran I	LLOD	LLOD	ND
Chlorantraniliprole II	10.000	40.000	ND
Chlordane I	LLOD	LLOD	ND
Chlorfenapyr I	LLOD	LLOD	ND
Chlorpyrifos I	LLOD	LLOD	ND
Clofentezine II	0.100	0.500	ND
Coumaphos I	LLOD	LLOD	ND
Cyfluthrin II	2.000	1.000	ND
Cypermethrin II	1.000	1.000	ND
Daminozide I	LLOD	LLOD	ND
Diazinon II	0.100	0.200	ND
Dichlorvos I	LLOD	LLOD	ND
Dimethoate I	LLOD	LLOD	ND
Dimethomorph II	2.000	20.000	ND
Ethoprop(hos) I	LLOD	LLOD	ND
Etofenprox I	LLOD	LLOD	ND
Etoxazole II	0.100	1.500	ND
Fenhexamid II	0.100	10.000	ND
Fenoxycarb I	LLOD	LLOD	ND
Fenpyroximate II	0.100	2.000	ND
Fipronil I	LLOD	LLOD	ND
Flonicamid II	0.100	2.000	ND
Fludioxonil II	0.100	30.000	ND
Hexythiazox II	0.100	2.000	ND
Imazalil I	LLOD	LLOD	ND
Imidacloprid II	5.000	3.000	ND
Kresoxim-methyl II	0.100	1.000	ND
Malathion II	0.500	5.000	ND
Metalaxyl II	2.000	15.000	ND
Methiocarb I	LLOD	LLOD	ND
Methomyl II	1.000	0.100	ND
Mevinphos I	LLOD	LLOD	ND

Distributor	0
	0
	0
Source	0
	0
	0

Analysis Performed For	
MH Hemp	
Date Analyzed	
03/15/2019	
Sample Name	
CBG	
Description	
Batch #2105	
Pesticide Results (Pass/Fail)	
Inhalable Cannabis & Cannabis Products	PASS
Other Cannabis & Cannabis Products	PASS

T&T #: 190308-144-JC-1 Batch #: 0

Residual Pesticide Detection			
Category 1 or 2 Residual Pesticide	Action Level (ug/g)		Amount Detected (ug/g)
	Inhalable Cannabis & Cannabis Products	Other Cannabis & Cannabis Products	
Myclobutanil II	0.100	9.000	ND
Naled II	0.100	0.500	ND
Oxamyl II	0.500	0.200	ND
Paclobutrazol I	LLOD	LLOD	ND
Parathion methyl I	LLOD	LLOD	ND
PCNB II	0.100	0.200	ND
Permethrin II	0.500	20.000	ND
Phosmet II	0.100	0.200	ND
Piperonyl butoxide II	3.000	8.000	ND
Prallethrin II	0.100	0.400	ND
Propiconazole II	0.100	20.000	ND
Propoxure I	LLOD	LLOD	ND
Pyrethrins II	0.500	1.000	ND
Pyridaben II	0.100	3.000	ND
Spinosad II	0.100	3.000	ND
Spinetoram II	0.100	3.000	ND
Spiromesifen II	0.100	12.000	ND
Spirotetramat II	0.100	13.000	ND
Spiroxamine I	LLOD	LLOD	ND
Tebuconazole II	0.100	2.000	ND
Thiacloprid I	LLOD	LLOD	ND
Thiamethoxam II	5.000	4.500	ND
Trifloxystrobin II	0.100	30.000	ND



# PH SOLUTIONS



## CERTIFIED CANNABACEUTICALS™ CERTIFICATE OF ANALYSIS

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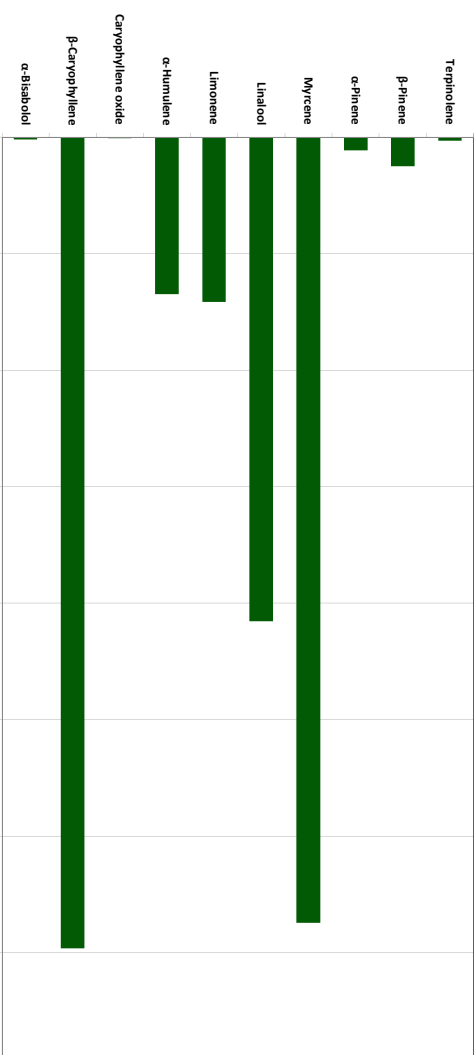
Analysis Performed For  
NH Hemp

Date Analyzed  
03/15/2019

Sample Name  
CSE

Strain Name  
BATCH #205

Terpenes	mg/g
$\alpha$ -Bisabolol	0.01
$\beta$ -Caryophyllene	3.48
Caryophyllene oxide	0.00
$\alpha$ -Humulene	0.67
Limonene	0.71
Linolool	2.08
Myrcene	3.37
$\alpha$ -Pinenene	0.06
$\beta$ -Pinenene	0.12
Terpinolene	0.02
<b>Sum of Terpenes</b>	<b>10.52</b>



These terpene amounts have been known to show considerable intra- and inter-plant variability. The amount of terpenes in a sample may vary significantly between different plants, and subsequent samples collected from the same lot might not provide identical results. Samples marked with (†) have been tentatively identified using GC-MS. Actual identity and concentration of Cannabinoids, and the "CC" logo are trademarks of The Medic Shop, LLC used under license.