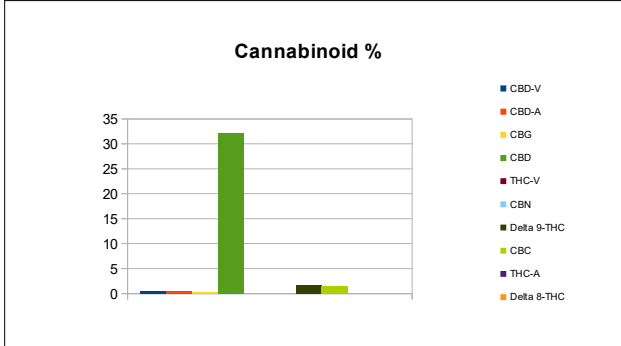
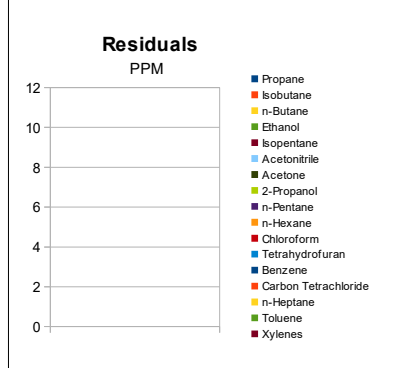


Sample Information			
Sample Identification	Grandma's Hemp full Spectrum 900mg		
Laboratory Number	2019000466		
Batch Number	570001		
Matrix	Tincture		
Analyzed Date	01/08/19		
Extraction Date	01/08/19		
Cannabinoid (HPLC)	mg/mL	mg/Bottle	%
Compound			
CBD-V	0.46	13.92	0.05%
CBD-A	0.39	11.72	0.04%
CBG	0.31	9.42	0.03%
CBD	32.16	964.80	3.21%
THC-V	ND	ND	ND
CBN	ND	ND	ND
Delta 9-THC	1.74	52.08	0.17%
CBC	1.41	42.36	0.14%
THC-A	ND	ND	ND
Delta 8-THC	ND	ND	ND
Cannabinoids Total			
Max Active THC	1.74	52.08	0.17%
Max Active CBD	32.50	975.12	3.25%
T. Active Cannabinoids	36.09	1082.58	3.60%
Total Cannabinoids	36.48	1094.30	3.64%

Max Active Ratios			
18.7 :1 CBD to THC			
0.1 :1 THC to CBD			



RS (GCMS-MS)	PPM	RL
Compound		
Propane	NT	5.0
Isobutane	NT	5.0
n-Butane	NT	5.0
Ethanol	NT	5.0
Isopentane	NT	5.0
Acetonitrile	NT	5.0
Acetone	NT	50.0
2-Propanol	NT	5.0
n-Pentane	NT	5.0
n-Hexane	NT	5.0
Chloroform	NT	5.0
Tetrahydrofuran	NT	5.0
Benzene	NT	5.0
Carbon Tetrachloride	NT	5.0
n-Heptane	NT	5.0
Toluene	NT	5.0
Xylenes	NT	10.0



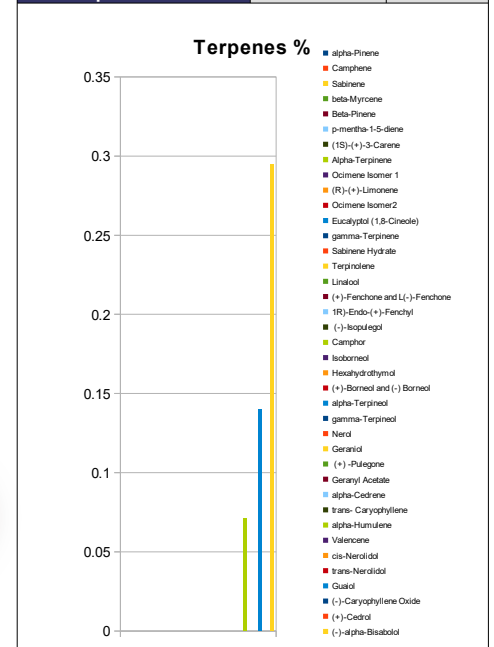
mL/Bottle	30
mg THC/Bottle	52.08
mg CBD/Bottle	964.80
(mg) total cannabinoids/bottle	1094.30

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001


RL=Reporting Limit  
 NA=Not Applicable  
 NT=Not Tested  
 ND=Non Detected



Terpene (GC-MS)	mg/mL	mg/Bottle
Compound		
alpha-Pinene	ND	ND
Camphene	ND	ND
Sabinene	ND	ND
beta-Myrcene	ND	ND
Beta-Pinene	ND	ND
p-mentha-1-5-diene	ND	ND
(1S)-(+)-3-Carene	ND	ND
Alpha-Terpinene	ND	ND
Ocimene Isomer 1	ND	ND
(R)-(+)-Limonene	ND	ND
Ocimene Isomer2	ND	ND
Eucalyptol (1,8-Cineole)	ND	ND
gamma-Terpinene	ND	ND
Sabinene Hydrate	ND	ND
Terpinolene	ND	ND
Linalool	ND	ND
(+)-Fenchone and L(-)-Fenchone	ND	ND
1R)-Endo-(+)-Fenchyl	ND	ND
(-)-Isopulegol	ND	ND
Camphor	ND	ND
Isoborneol	ND	ND
Hexahydrothymol	ND	ND
(+)-Borneol and (-) Borneol	ND	ND
alpha-Terpineol	ND	ND
gamma-Terpineol	ND	ND
Nerol	ND	ND
Geraniol	ND	ND
(+) -Pulegone	ND	ND
Geranyl Acetate	ND	ND
alpha-Cedrene	ND	ND
trans-Caryophyllene	ND	ND
alpha-Humulene	0.07	2.12
Valencene	ND	ND
cis-Nerolidol	ND	ND
trans-Nerolidol	ND	ND
Guaiol	0.14	4.20
(-)-Caryophyllene Oxide	ND	ND
(+)-Cedrol	ND	ND
(-)-alpha-Bisabolol	0.29	8.83
<b>Total Terpenes</b>	<b>0.51</b>	<b>15.16</b>



**Sample Image**



Micro Visual: NT

Percent Moisture: NT

Chemist: JG  
 Report Expires: 02/08/19