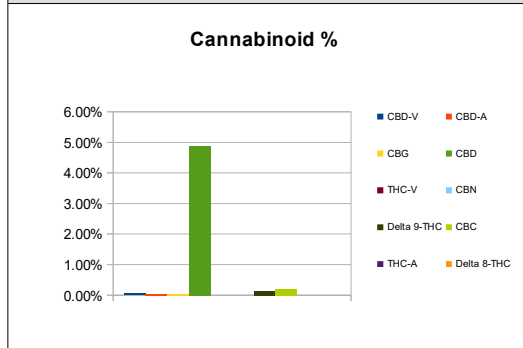



Sample Information		
Sample Identification	Grandma's Hemp Full Spectrum 30mg Softgels	
Laboratory Number	2019010850	
Batch Number	669702	
Matrix	Capsule	
Analyzed Date	05/14/19	
Extraction Date	05/14/19	
Cannabinoid (HPLC)	%	mg/g
Compound		
CBD-V	0.05%	0.51
CBD-A	0.04%	0.40
CBG	0.03%	0.34
CBD	4.88%	48.77
THC-V	ND	ND
CBN	ND	ND
Delta 9-THC	0.13%	1.31
CBC	0.20%	1.95
THC-A	ND	ND
Delta 8-THC	ND	ND
Cannabinoids Total		
Max Active THC	0.13%	1.31
Max Active CBD	4.91%	49.12
T. Active Cannabinoids	5.29%	52.89
Total Cannabinoids	5.33%	53.28

Max Active Ratios		
	37.4:1 CBD to THC	
	0.0:1 THC to CBD	



Sample Image

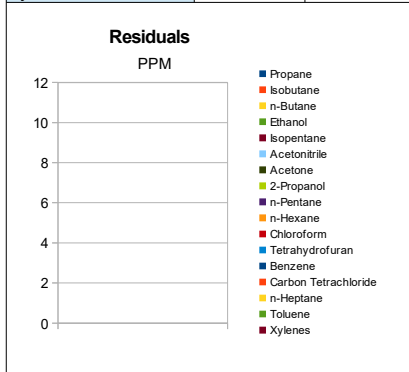


Micro Visual: NT

Percent Moisture: NT

Chemist: JG
 Report Expires: 06/14/19

RS (GCMS-HS)	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



g/medible	0.65
mg THC/medible	0.85
mg CBD/medible	31.54
(mg) total cannabinoids/medible	34.46

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/g
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	0.01%	0.07
trans- Caryophyllene	0.03%	0.28
alpha-Humulene	0.01%	0.14
Valencene	ND	ND
cis-Nerolidol	ND	ND
trans-Nerolidol	ND	ND
Guaiol	0.01%	0.14
(-)-Caryophyllene Oxide	0.01%	0.15
(+)-Cedrol	ND	ND
(-)-alpha-Bisabolol	0.04%	0.43
Total Terpenes	0.12%	1.21

