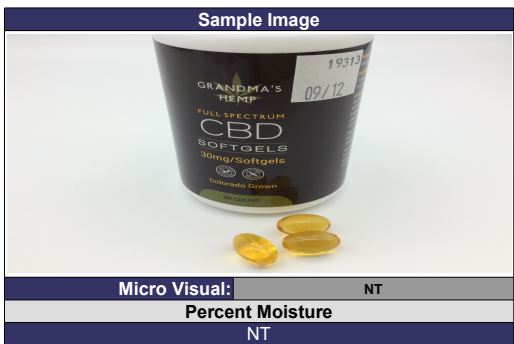
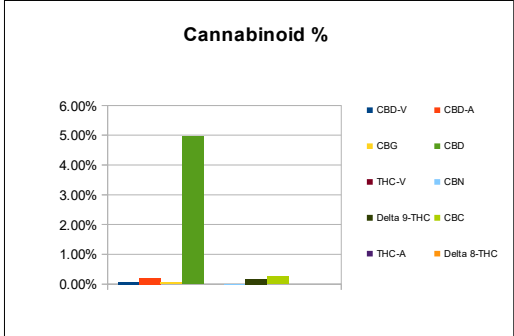
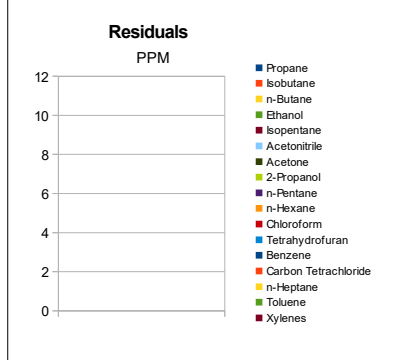


Sample Information		
Sample Identification	Grandma's Hemp Full Spectrum Softgels 30mg	
Laboratory Number	2019019313	
Batch Number	702401	
Matrix	Capsule	
Analyzed Date	09/12/19	
Extraction Date	09/12/19	
Cannabinoid (HPLC)	%	mg/g
Compound		
CBD-V	0.06%	0.63
CBD-A	0.20%	1.98
CBG	0.06%	0.61
CBD	4.95%	49.50
THC-V	ND	ND
CBN	0.01%	0.09
Delta 9-THC	0.17%	1.69
CBC	0.27%	2.67
THC-A	ND	ND
Delta 8-THC	ND	ND
Cannabinoids Total		
Max Active THC	0.17%	1.69
Max Active CBD	5.12%	51.24
T. Active Cannabinoids	5.52%	55.19
Total Cannabinoids	5.72%	57.17

Max Active Ratios		
30.3 :1 CBD to THC		
0.0 :1 THC to CBD		



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

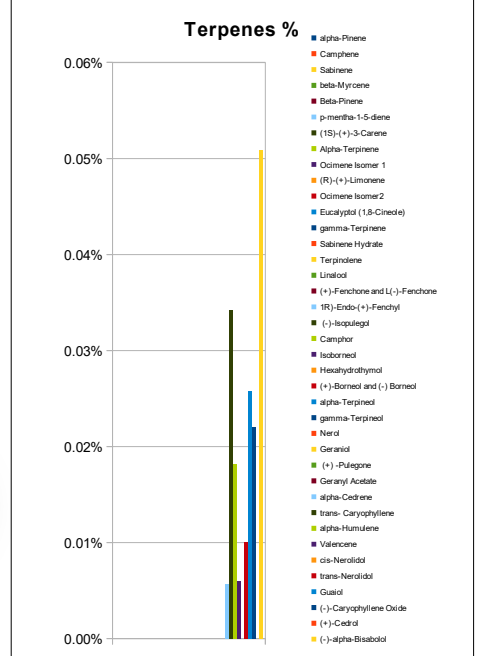


g/medible	0.7
mg THC/medible	1.18
mg CBD/medible	34.5
(mg) total cannabinoids/medible	39.85

Metals	PPM	RL
Compound		
Lead	NT	0.018
Arsenic	NT	0.007
Cadmium	NT	0.004
Mercury	NT	0.020

Microbial	CFU/g
Compound	
Enterobacteriaceae	NT
Coliform	NT
Ecoli	NT
Aerobic	NT
Yeast	NT
Mold	NT

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%	0.06
trans- Caryophyllene	0.03%	0.34
alpha-Humulene	0.02%	0.18
Valencene	0.01%	0.06
cis-Nerolidol	ND	ND
trans-Nerolidol	0.01%	0.10
Guaiol	0.03%	0.26
(-)-Caryophyllene Oxide	0.02%	0.22
(+)-Cedrol	ND	ND
(-)-alpha-Bisabolol	0.05%	0.51
Total Terpenes	0.17%	1.73



Chemist: SF
Report Expires: 12/11/19

RL=Reporting Limit
NA=Not Applicable
NT=Not Tested
ND=Non Detected
TNTC=Too Numerous to Count