

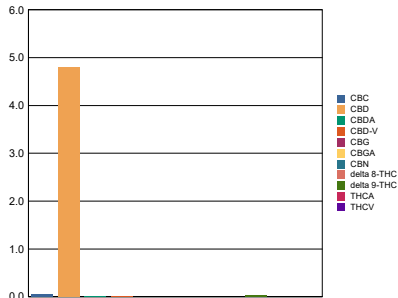


# desert valley

## TESTING

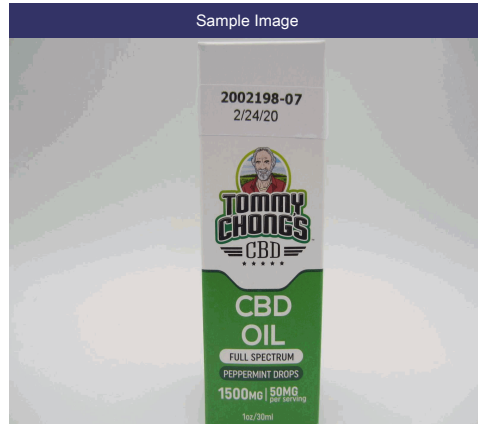
Sample Information			
Sample Identification	1500 mg CBD Tincture		
Laboratory Number	2002198-07		
Batch Number	306H		
Matrix	Products		
Cannabinoid (HPLC)	mg/mL	mg/unit	%
Compound			
THCA	ND	ND	ND
delta 9-THC	0.302	9.05	0.03
delta 8-THC	ND	ND	ND
THCV	ND	ND	ND
CBGA	ND	ND	ND
CBDA	0.208	6.25	0.02
CBD	50.0	1500	5.00
CBD-V	0.202	6.05	0.02
CBN	ND	ND	ND
CBG	ND	ND	ND
CBC	0.604	18.1	0.06
Cannabinoids Total			
Max Active THC	0.30	9.05	0.03
Max Active CBD	50.18	1505.48	5.01
T.Active Cannabinoids	50.67	1520.00	5.06
Total Cannabinoids	51.34	1540.00	5.13
Max Active Ratios			
159.60 : 1 CBD to THC			
0.01 :1 THC to CBD			

Cannabinoid (%)



RS (GCMS-MS)	ppm	RL
Compound		
Acetone	ND	50.00
Acetonitrile	ND	5.00
Benzene	ND	5.00
n-Butane	ND	5.00
Carbon Tetrachloride	ND	5.00
Chloroform	ND	5.00
1,2-Dichloroethane	ND	5.00
Ethanol	>1000	5.00
Ethyl acetate	ND	5.00
Ethylene oxide	ND	5.00
n-Heptane	ND	5.00
n-Hexane	ND	5.00
iso-Butane	ND	5.00
iso-Pentane	ND	5.00
Methylene Chloride	ND	5.00
n-Pentane	ND	5.00
Propane	ND	5.00
2-Propanol (IPA)	ND	5.00
Tetrahydrofuran	ND	5.00
Toluene	ND	5.00
Trichloroethene	ND	5.00
o-Xylene	ND	5.00
Xylenes (m,p)	ND	10.00

Terpenes (HPLC)	mg/mL	%
Compound		
alpha-Bisabolol	NT	NT
(-)-Borneol and (+)-Borneol	NT	NT
Camphene	NT	NT
Camphor	NT	NT
beta-Caryophyllene	NT	NT
trans-Caryophyllene	NT	NT
Caryophyllene Oxide	NT	NT
alpha-Cedrene	NT	NT
Cedrol	NT	NT
Endo-fenchyl Alcohol	NT	NT
Eucalyptol	NT	NT
Fenchone	NT	NT
Geraniol	NT	NT
Geranyl acetate	NT	NT
Guaiol	NT	NT
Hexahydrothymol	NT	NT
alpha-Humulene	NT	NT
Isoborneol	NT	NT
Isopulegol	NT	NT
Limonene	NT	NT
Linalool	NT	NT
p-Mentha-1,5-diene	NT	NT
beta-Myrcene	NT	NT
trans-Nerolidol	NT	NT
Ocimene Isomer 1	NT	NT
alpha-Pinene	NT	NT
beta-Pinene	NT	NT
Pulegone	NT	NT
Sabinene	NT	NT
Sabinene Hydrate	NT	NT
gamma-Terpinene	NT	NT
alpha-Terpinene	NT	NT
alpha-Terpineol	NT	NT
3-Carene	NT	NT
Ocimene Isomer 2	NT	NT
gamma-Terpineol	NT	NT
Terpinolene	NT	NT
Valencene	NT	NT
Nerol	NT	NT
cis-Nerolidol	NT	NT
Total Terpenes	NT	NT



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

Metals	ppm	RL
Compound		
Arsenic	NT	NT
Cadmium	NT	NT
Lead	NT	NT
Mercury	NT	NT
Percent Moisture		
NT %		
Water Activity		
NT		