

Sample Name: CBD99 Batch ISO99119
 Client: Miracle Brands
 Sample Type: Crystals
 Strain: Unknown

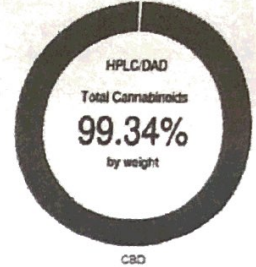
Submitted: October 27, 2016
 Tested: October 27, 2016
 Expires: January 25, 2017

Cannabinoid Profiling

Analysis of major cannabinoids by advanced chromatography. (GC: SOP-010; HPLC: SOP-014)

	GC		HPLC	
	Percent	mg/g	Percent	mg/g
d9-THC	NA	NA	0.00	0.00
d8-THC	NA	NA	0.00	0.00
THCA	NA	NA	0.00	0.00
THCV	NA	NA	0.00	0.00
CBC	NA	NA	0.00	0.00
CBG	NA	NA	0.00	0.00
CBGA	NA	NA	0.00	0.00
CBN	NA	NA	0.00	0.00
CBD	NA	NA	99.34	993.43
CBDV	NA	NA	0.00	0.00
CBDA	NA	NA	0.00	0.00
Total	NA	NA	99.34	993.43

HPLC/DAD results are not moisture normalized.
 ~0% Decarboxylated THC



Microbiological Screening

Plate count screening for microbiological contamination. (SOP-009)

	Count	Limit	Status
APC	NA		
Yeast & Mold	NA		
Coliform	NA		
E. coli	NA		
Pseudomonas	NA		
Salmonella	NA		

NA = Not Numerous To Count

Chemical Residue Screening

Targeted analysis of chemical residues. (SOP-017)

	PPM	Limit	Status		PPM	Limit	Status
BHC	NA			Endrin	NA		
Bifenezate	NA			Heptachlor	NA		
Bifenthrin	NA			Imidacloprid	NA		
Chlordane	NA			Methoxychlor	NA		
DDT	NA			Myclobutanil	NA		
Dieldrin	NA			Permethrin	NA		
Endosulfan	NA			Pyrethrin	NA		

NA = Not Detected

Terpene Profiling

Analysis of terpenes. (SOP-012)

	PPM		PPM		PPM
b-Myrcene	NA	Sabinene	NA	Elemene	NA
Nerol	NA	b-Pinene	NA	Phellandrene	NA
Nerolidol	NA	Camphene	NA	isopulegol	NA
Ocimene	NA	Eucalyptol	NA	Linalool	NA
a-Bisbolol	NA	(-)-Fenchone	NA	(+)-Fenchone	NA
Farnesene	NA	Fenchol	NA	a-Caryophyllene	NA
Valencene	NA	Camphor	NA	Guaiol	NA
d3-Carene	NA	Borneol	NA	Bergamotene	NA
d-Limonene	NA	Pulegone	NA	Terpineol	NA
g-Terpinene	NA	Cedrol	NA	Terpinolene	NA
a-Pinene	NA	b-Caryophyllene	NA	a-Terpinene	NA
Total Terpenes		0.0 PPM			

NA = Not Detected

Residual Solvent Screening

Analysis of residual solvents. (SOP-011)

	PPM		PPM		PPM
Acetone	0.0	Hexane	0.0	nButane	0.0
Benzene	0.0	Isobutane	0.0	Pentane	0.0
Chloroform	0.0	Isopentane	0.0	Propane	0.0
Ethanol	0.0	Isopropanol	0.0	Toluene	0.0
Heptane	284.0	Methanol	0.0		
Sum of Residual Solvents		284.0 PPM		Status: Pass (Limit: 400 PPM)	