

Balance CBD Hemp Oil

SAMPLE TYPE

Tincture

RECEIVED

04/22/19

CUSTOMER

Kat's Naturals

REPORTED

04/26/19

 5876 SR 28
 Dunlap, TN, AR 37327

Hemp - Kat's Naturals

 STEEP HILL ID
AR67198

 BATCH ID
23212919

TEST NAME

Residual Solvent Analysis

METHOD NAME

SOP-067-AR

STATE REGULATORY REQUIREMENTS

PASS

Solvent	ppm (µg/g)	LOD ppm (µg/g)	LOQ ppm (µg/g)
Acetone	ND	42	140.
Acetonitrile	ND	17.0	51
Benzene	ND	0.38	1.28
Butane	ND	1.72	5.7
1-Butanol	ND	15.0	50.
2-Butanol	ND	19.0	63
2-Butanone	ND	10.5	35
Cumene	ND	7.5	25
Cyclohexane	ND	4.6	15.2
Dichloromethane	ND	1.92	6.4
1,2-Dimethoxyethane	ND	20.	67
Dimethyl Sulfoxide	ND	13.0	43
2,2-Dimethylbutane	ND	4.0	13.4
2,3-Dimethylbutane	ND	1.74	5.8
1,4-Dioxane	ND	19.5	65

ND - Not Detected
*LOD - Limit of Detection
 LOQ - Limit of Quantitation*

Balance CBD Hemp Oil

TEST NAME

Residual Solvent Analysis

 METHOD NAME
 SOP-067-AR

STATE REGULATORY REQUIREMENTS

PASS

Solvent	ppm (µg/g)	LOD ppm (µg/g)	LOQ ppm (µg/g)
Ethanol	ND	18.2	61
2-Ethoxyethanol	ND	14.0	47
Ethyl Acetate	ND	6.5	22
Ethyl Ether	ND	2.3	7.7
Ethylene Glycol	ND	2.1	7.2
Ethylene Oxide	ND	1.51	5.0
Heptane	ND	8.3	28
n-Hexane	ND	2.4	8.0
Isopropyl Acetate	ND	11.4	38
Methanol	ND	8.1	27
2-Methylbutane	ND	1.80	6.0
2-Methylpentane	ND	2.1	7.1
3-Methylpentane	ND	2.2	7.4
Methylpropane	ND	2.2	7.2
N,N-Dimethylacetamide	ND	15.2	51
N,N-Dimethylformamide	ND	21	69
Pentane	ND	1.91	6.4
1-Pentanol	ND	25	83
Propane	ND	2.2	7.2
1-Propanol	ND	37	125
2-Propanol (IPA)	ND	27	86
Pyridine	ND	12.6	42
Sulfolane	ND	7.6	25
Tetrahydrofuran	ND	8.9	30.
Toluene	ND	19.8	66

ND - Not Detected
*LOD - Limit of Detection
 LOQ - Limit of Quantitation*

Balance CBD Hemp Oil

TEST NAME

Residual Solvent Analysis

METHOD NAME

SOP-067-AR

STATE REGULATORY REQUIREMENTS


PASS

Solvent	ppm (µg/g)	LOD ppm (µg/g)	LOQ ppm (µg/g)
Xylenes	ND	27	91

ND - Not Detected

*LOD - Limit of Detection
LOQ - Limit of Quantitation*

CERTIFICATION



BRANDON THORNTON
PHARM. D. CO-OWNER & CEO

CERTIFICATE #: AR67198-10

REVISION: RSR-001 Rev. 5.

The above results relate only to the samples tested and for the specific tests conducted. Steep Hill grants permission to reproduce this document in full only.