



7064 Sampey Rd Unit 5
 Groveland, FL 34736
 (701)353-LABS

Client Name: Green Orca Pack
 Date: 2/20/2019
 Sample ID No.: 48892

CERTIFICATE OF ANALYSIS: Peanut Butter CBD Oral Syringe 100mg

Product Name

Peanut Butter CBD Oral Syringe 100mg

Product Code

PBORAL100

Batch No.

Batch 3044

Botanical Source

Industrial Hemp, grown and processed in Kentucky, USA in compliance with Section 7606 of the Farm Bill and applicable Kentucky State Law and State Department of Agriculture regulations.

Product Description

This product is hemp derived cannabidiol, Manufactured through CO2 extraction. CBD content is double validated through HPLC and Convergence Chromatography.

Additional Information

The values below represent batch analysis with pertinent data for each class of data. Each batch or sample may vary slightly; a certificate of analysis (COA) with exact values will be issued with each order. Questions or concerns can be directed to biokineticlab@gmail.com.

Qualitative Analysis

OBSERVATION	METHOD	RESULT
Foreign Matter	Gross Visual/Microscopic	Absent
Color	Gross Visual/Microscopic	Light Brown
Molds & Mildews	Gross Visual/Microscopic	Absent
Smell	Gross Visual/Microscopic	Absent
Product Feel	Gross Visual/Microscopic	Creamy

Quantitative Analysis

Physical

IDENTIFICATION	METHOD	RESULT
% Moisture	AOAC 4.1.03	NT

Microbial Analysis

IDENTIFICATION	METHOD	RESULT
Standard Plate Count	BAM-3	NEGATIVE
Total Aflatoxin	AOAC 49.2.05	NEGATIVE
Total Yeast	BAM-18	NEGATIVE
Total Mold	BAM-18	NEGATIVE

Cannabinoid Analysis

IDENTIFICATION	METHOD	RESULT
Cannabinoid	HPLC-DAD	%wt/wt
Cannabidiolic Acid (CBDA)	HPLC-DAD	1.4mg per syringe
Cannabidiol (CBD)	HPLC-DAD	106.4mg per syringe
Cannabidivarin (CBDV)	HPLC-DAD	N/D
Tetrahydrocannabinolic Acid	HPLC-DAD	N/D
Δ -9-Tetrahydrocannabinol	HPLC-DAD	N/D
Cannabinol (CBN)	HPLC-DAD	0.6mg per syringe
Cannabigerol (CBG)	HPLC-DAD	1.8mg per syringe

Terpene Analysis

IDENTIFICATION	METHOD	RESULT
Trans-Nerolidol	NT	NT
A-bisabolol	NT	NT
B-caryophyllene	NT	NT
Humulene	NT	NT
Terpineol	NT	NT
Limonene	NT	NT
A-phellandrene	NT	NT

Heavy Metal Analysis

IDENTIFICATION	METHOD	RESULT
Arsenic	6010B	N/D
Cadmium	6010B	N/D
Chromium	6010B	N/D
Lead	6010B	N/D
Mercury	6010B	N/D

Pesticide Analysis

IDENTIFICATION	METHOD	RESULT
Multi Residue Pesticide Analysis	AOAC 2007.1	N/D

Residual Solvent Analysis

IDENTIFICATION	METHOD	RESULT
Hexanes	GC/MS HEADSPACE	N/D
Acetone	GC/MS HEADSPACE	N/D
Ethanol	GC/MS HEADSPACE	N/D
Isopropyl Alcohol	GC/MS HEADSPACE	N/D

