



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

Client Name: Green Orca  
 Date: July 17 2018  
 Sample ID No.: GO0234  
 Sample Size: 30 count / 1.2mg @

**CERTIFICATE OF ANALYSIS (Provisional): Cannabidiol Gummy**

Product Name

Gummy Bear

Product Code

30Pcs Gummy Candy

Batch No.

Batch 17137

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 crystalline cannabidiol, isolated through CO<sub>2</sub> extraction and crystal precipitation. 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 [Info@biokineticlabs.com](mailto:Info@biokineticlabs.com)

Qualitative Analysis

OBSERVATION	METHOD	RESULT
Foreign Matter	Gross Visual/Microscopic	Absent
Color	Gross Visual/Microscopic	Multi
Molds & Mildews	Gross Visual/Microscopic	Absent
Smell	Gross Visual/Microscopic	Absent
Product Feel	Gross Visual/Microscopic	Gel

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	N/D
Cannabidiol	HPLC-DAD	20.3 mg per Candy
Cannabidivarin (CBDV)	HPLC-DAD	N/D
Tetrahydrocannabinolic Acid	HPLC-DAD	N/D
$\Delta$ -9-Tetrahydrocannabinol	HPLC-DAD	N/D
Cannabinol	HPLC-DAD	N/D
Cannabigerolic Acid	HPLC-DAD	N/D

Terpene Analysis

IDENTIFICATION	METHOD	RESULT
Trans-Nerolidol	W-10-08	N/A
A-bisabolol	W-10-08	N/A
B-caryophyllene	W-10-08	N/A
Humulene	W-10-08	N/A
Terpineol	W-10-08	N/A
Limonene	W-10-08	N/A
A-phellandrene	W-10-08	N/A

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