

## Certificate of Analysis

### Botanical Source

Kentucky, USA industrial hemp, grown and processed in compliance with the Federal Farm Bill (Section 7606) as well as applicable Kentucky State Law and Kentucky Department of Agriculture regulations.

### Product Description

This product is cannabidiol derived from hemp, and manufactured through CO<sub>2</sub> extraction. CBD content is double validated through HPLC and Convergence Chromatography.

### Additional Information

Each batch sample may vary slightly. The values below represent batch analysis pertinent to each class of data. A Certificate of Analysis (COA) with exact values will be issued individually. Questions should be sent directly to [precisionlabtesting@gmail.com](mailto:precisionlabtesting@gmail.com)

### Sample Information

Client Name	Green Orca
Product Name	CBD Gummy Worms
Batch Number	GW48411118
Manufacture Date	11/15/2018
Analysis Date	12/11/2018
Expiration Date	11/2021

### Cannabinoid Profile & Potency (HPLC)

Compound	mg/serving	mg/package
Cannabidiolic Acid (CBDA)	ND	ND
Cannabidiol (CBD)	53.1mg	318.7mg
Cannabigerol (CBG)	ND	ND
Cannabigerolic Acid (CBGA)	ND	ND
Cannabinol (CBN)	ND	ND
Cannabidivarin (CBDV)	ND	ND
Tetrahydrocannabinolic Acid (THCA)	ND	ND
Tetrahydrocannabivarin (THCV)	ND	ND
$\Delta$ -8-Tetrahydrocannabinol	ND	ND
$\Delta$ -9-Tetrahydrocannabinol	ND	ND

### Heavy Metal Analysis

Compound	PPM	RL
Lead	ND	0.010
Arsenic	ND	0.010
Cadmium	ND	0.010
Mercury	ND	0.001

### Residual Solvent Analysis

The sample was analyzed by Head-Space Gas Chromatography(HS-GC). ND = None detected above 5 ppm.

Compound	Method	Result
Acetone	HS-GC	NT
Ethanol	HS-GC	NT
Isopropanol	HS-GC	NT
Pentane	HS-GC	NT
Acetonitrile	HS-GC	NT
Hexane	HS-GC	NT
Isobutane	HS-GC	NT

### Terpene Analysis

Compound	Method	Result
A-Pinene	HS-GC	NT
Camphene	HS-GC	NT
B-Myrcene	HS-GC	NT
B-Pinene	HS-GC	NT
$\Delta$ -3-Carene	HS-GC	NT
A-Humulene	HS-GC	NT
Linalool	HS-GC	NT
Fenchone	HS-GC	NT
Trans-Nerolidol	HS-GC	NT
A-Bisabolol	HS-GC	NT
A-Terpineol	HS-GC	NT
Geraniol	HS-GC	NT
Pulegone	HS-GC	NT
B-Caryophyllene	HS-GC	NT



Ryan Jones, Chemical Engineer  
Date 12/11/18

Packaged Product Image  
Not Available



