

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 CO₂ 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

Sample Information

Client Name	Green Orca Pack
Product Name	Chicken Rawhides
Batch Number	CR469910
Manufacture Date	10/31/2018
Analysis Date	11/26/2018
Expiration Date	11/2021

Cannabinoid Profile & Potency (HPLC)

Compound	mg/serving	mg/package
Cannabidiolic Acid (CBDA)	7.4mg	14.8mg
Cannabidiol (CBD)	155.1mg	310.1mg
Cannabigerol (CBG)	4.0mg	8.1mg
Cannabigerolic Acid (CBGA)	ND	ND
Cannabinol (CBN)	13.9mg	27.9mg
Cannabidivarin (CBDV)	ND	ND
Tetrahydrocannabinolic Acid (THCA)	ND	ND
Tetrahydrocannabivarin (THCV)	ND	ND
Δ-8-Tetrahydrocannabinol	ND	ND
Δ-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

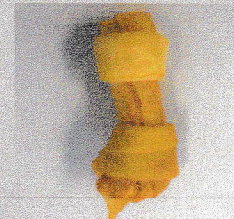
Terpene Analysis

Compound	Method	Result
A-Pinene	HS-GC	NT
Camphene	HS-GC	NT
B-Myrcene	HS-GC	NT
B-Pinene	HS-GC	NT
Δ-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 11/12/18

Packaged Product Image
Not Available



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Sample Information

Client Name	Green Orca Pack
Product Name	Pepperoni
Batch Number	DP500469
Manufacture Date	10/29/2018
Analysis Date	11/21/2018
Expiration Date	11/2021

Cannabinoid Profile & Potency (HPLC)

Compound	mg/serving	mg/package
Cannabidiolic Acid (CBDA)	1.5mg	14.6mg
Cannabidiol (CBD)	30.8mg	308.4mg
Cannabigerol (CBG)	0.8mg	7.9mg
Cannabigerolic Acid (CBGA)	ND	ND
Cannabinol (CBN)	2.9mg	28.9mg
Cannabidivarin (CBDV)	ND	ND
Tetrahydrocannabinolic Acid (THCA)	ND	ND
Tetrahydrocannabivarin (THCV)	ND	ND
Δ-8-Tetrahydrocannabinol	ND	ND
Δ-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

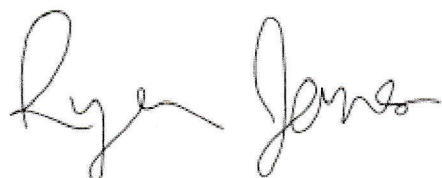
Residual Solvent Analysis

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

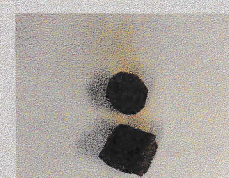
Terpene Analysis

Compound	Method	Result
A-Pinene	HS-GC	NT
Camphene	HS-GC	NT
B-Myrcene	HS-GC	NT
B-Pinene	HS-GC	NT
Δ-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



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Sample Information

Client Name	Green Orca Pack
Product Name	Cat Daily Treats
Batch Number	CT469910
Manufacture Date	10/29/2018
Analysis Date	11/21/2018
Expiration Date	11/2021

Cannabinoid Profile & Potency (HPLC)

Compound	mg/serving	mg/package
Cannabidiolic Acid (CBDA)	0.5mg	14.5mg
Cannabidiol (CBD)	10.3mg	308.1mg
Cannabigerol (CBG)	0.3mg	7.8mg
Cannabigerolic Acid (CBGA)	ND	ND
Cannabinol (CBN)	0.9mg	28.8mg
Cannabidivarin (CBDV)	ND	ND
Tetrahydrocannabinolic Acid (THCA)	ND	ND
Tetrahydrocannabivarin (THCV)	ND	ND
Δ-8-Tetrahydrocannabinol	ND	ND
Δ-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

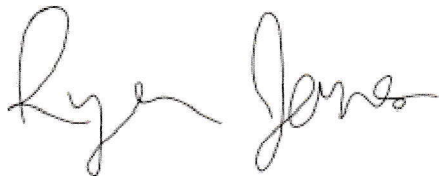
Residual Solvent Analysis

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
Δ-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



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Not Available



Precision LAB Testing

P.O. Box 17384
Golden, Colorado 80402

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Sample Information

Client Name	Green Orca Pack
Product Name	CBD Pills 1500
Batch Number	GP5005011
Manufacture Date	10/30/2018
Analysis Date	11/27/2018
Expiration Date	11/2021

Cannabinoid Profile & Potency (HPLC)

Compound	mg/serving	mg/package
Cannabidiolic Acid (CBDA)	0.7mg	21mg
Cannabidiol (CBD)	53.1mg	1,593mg
Cannabigerol (CBG)	0.9mg	27mg
Cannabigerolic Acid (CBGA)	ND	ND
Cannabinol (CBN)	0.3mg	9mg
Cannabidivarin (CBDV)	ND	ND
Tetrahydrocannabinolic Acid (THCA)	ND	ND
Tetrahydrocannabivarin (THCV)	ND	ND
Δ-8-Tetrahydrocannabinol	ND	ND
Δ-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
Δ-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



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Sample Information

Client Name	Green Orca Pack
Product Name	CBD Pills 750
Batch Number	GP5002511
Manufacture Date	10/30/2018
Analysis Date	11/21/2018
Expiration Date	11/2021

Cannabinoid Profile & Potency (HPLC)

Compound	mg/serving	mg/package
Cannabidiolic Acid (CBDA)	0.4mg	72mg
Cannabidiol (CBD)	26.4mg	792mg
Cannabigerol (CBG)	0.5mg	15mg
Cannabigerolic Acid (CBGA)	ND	ND
Cannabinol (CBN)	0.1mg	3mg
Cannabidivarin (CBDV)	ND	ND
Tetrahydrocannabinolic Acid (THCA)	ND	ND
Tetrahydrocannabivarin (THCV)	ND	ND
Δ-8-Tetrahydrocannabinol	ND	ND
Δ-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

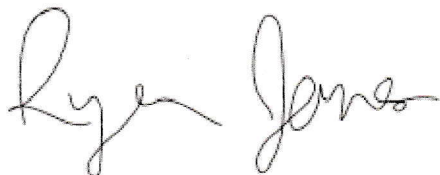
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Ethanol	HS-GC	NT
Isopropanol	HS-GC	NT
Pentane	HS-GC	NT
Acetonitrile	HS-GC	NT
Hexane	HS-GC	NT
Isobutane	HS-GC	NT

Terpene Analysis

Compound	Method	Result
A-Pinene	HS-GC	NT
Camphene	HS-GC	NT
B-Myrcene	HS-GC	NT
B-Pinene	HS-GC	NT
Δ-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



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