

BLH - CBD Isolate Powder

METRC Batch:
METRC Sample:
Sample ID: 2201ENC0459_1755
Strain: BLH - CBD Isolate Powder

Collected: 01/24/2022
Received: 01/24/2022
Completed: 01/31/2022
Sample Size: 2 units;

Distributor
BCBDOO LLC

Lic. #
2205 W 136th Avenue Suite 106-906,
Broomfield, CA, 80023

Matrix: Concentrates & Extracts
Type: Cannabinoid Isolate
Batch#: 01122



Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	01/24/2022	LC-DAD	Complete
Pesticides	01/24/2022	LC-MS	Pass
Mycotoxins	01/24/2022	LC-MS	Pass
Residual Solvents	01/24/2022	HS-GC-MS	Pass
Microbial Impurities	01/25/2022	qPCR	Pass
Heavy Metals	01/26/2022	ICP-MS	Pass
Foreign Matter	01/24/2022	Visual Inspection	Pass

Cannabinoids

Method: SOP EL-CANNABINOIDS

ND Total THC	>99 % Total CBD	>99 % Total Cannabinoids
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Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
THCa	0.230	0.696	ND	ND
Δ9-THC	0.246	0.745	ND	ND
Δ8-THC	0.272	0.824	ND	ND
THCVa	0.265	0.803	ND	ND
THCV	0.274	0.830	ND	ND
CBDa	0.241	0.730	ND	ND
CBD	0.232	0.703	>99	998.42
CBN	0.219	0.663	ND	ND
CBGa	0.262	0.793	ND	ND
CBG	0.241	0.731	ND	ND
CBCa	0.213	0.646	ND	ND
CBC	0.250	0.759	ND	ND
Total THC			ND	ND
Total CBD			>99	998.42
Total Cannabinoids			>99	998.42

1 Unit = 1g;

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material Method: SOP EL-FOREIGN; Moisture and Water Activity Method: SOP EL-WATER



Kevin Nolan
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Laboratory Director | 01/31/2022



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Pesticides

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status	Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.005	0.02	0.10	ND	Pass	Fludioxonil	0.01	0.05	0.10	ND	Pass
Acephate	0.002	0.01	0.10	ND	Pass	Hexythiazox	0.005	0.02	0.10	ND	Pass
Acequinocyl	0.01	0.02	0.10	ND	Pass	Imazalil	0.05	0.1	0.05	ND	Pass
Acetamiprid	0.005	0.02	0.10	ND	Pass	Imidacloprid	0.005	0.02	5.00	ND	Pass
Aldicarb	0.05	0.1	0.05	ND	Pass	Kresoxim Methyl	0.005	0.02	0.10	ND	Pass
Azoxystrobin	0.005	0.02	0.10	ND	Pass	Malathion	0.02	0.05	0.50	ND	Pass
Bifenazate	0.005	0.01	0.10	ND	Pass	Metalaxyl	0.002	0.005	2.00	ND	Pass
Bifenthrin	0.02	0.05	3.00	ND	Pass	Methiocarb	0.05	0.1	0.05	ND	Pass
Boscalid	0.02	0.05	0.10	ND	Pass	Methomyl	0.01	0.02	1.00	ND	Pass
Captan	0.2	0.3	0.70	ND	Pass	Parathion Methyl	0.02	0.05	0.05	ND	Pass
Carbaryl	0.02	0.05	0.50	ND	Pass	Mevinphos	0.02	0.05	0.02	ND	Pass
Carbofuran	0.05	0.1	0.05	ND	Pass	Myclobutanil	0.005	0.01	0.10	ND	Pass
Chlorantraniliprole	0.002	0.01	10.00	ND	Pass	Naled	0.01	0.02	0.10	ND	Pass
Chlordane	0.05	0.1	0.05	ND	Pass	Oxamyl	0.005	0.01	0.50	ND	Pass
Chlorfenapyr	0.05	0.1	0.05	ND	Pass	Paclobutrazol	0.05	0.1	0.05	ND	Pass
Chlorpyrifos	0.05	0.1	0.05	ND	Pass	PCNB	0.02	0.05	0.10	ND	Pass
Clofentezine	0.01	0.02	0.10	ND	Pass	Permethrin	0.02	0.05	0.50	ND	Pass
Coumaphos	0.02	0.05	0.02	ND	Pass	Phosmet	0.01	0.02	0.10	ND	Pass
Cyfluthrin	0.05	0.1	2.00	ND	Pass	Piperonyl Butoxide	0.02	0.05	3.00	ND	Pass
Cypermethrin	0.1	0.2	1.00	ND	Pass	Prallethrin	0.005	0.02	0.10	ND	Pass
Daminozide	0.02	0.05	0.02	ND	Pass	Propiconazole	0.005	0.01	0.10	ND	Pass
Diazinon	0.002	0.01	0.10	ND	Pass	Propoxure	0.05	0.1	0.05	ND	Pass
Dichlorvos	0.02	0.05	0.02	ND	Pass	Pyrethrins	0.02	0.05	0.50	ND	Pass
Dimethoate	0.02	0.05	0.02	ND	Pass	Pyridaben	0.005	0.01	0.10	ND	Pass
Dimethomorph	0.005	0.02	2.00	ND	Pass	Spinetoram	0.005	0.01	0.10	ND	Pass
Ethoprophos	0.05	0.1	0.05	ND	Pass	Spinosad	0.005	0.01	0.10	ND	Pass
Etofenprox	0.05	0.1	0.05	ND	Pass	Spiromesifen	0.01	0.02	0.10	ND	Pass
Etoazole	0.005	0.02	0.10	ND	Pass	Spirotetramat	0.005	0.01	0.10	ND	Pass
Fenhexamid	0.005	0.02	0.10	ND	Pass	Spiroxamine	0.05	0.1	0.05	ND	Pass
Fenoxycarb	0.05	0.1	0.05	ND	Pass	Tebuconazole	0.005	0.01	0.10	ND	Pass
Fenpyroximate	0.005	0.02	0.10	ND	Pass	Thiacloprid	0.02	0.05	0.02	ND	Pass
Fipronil	0.05	0.1	0.05	ND	Pass	Thiamethoxam	0.005	0.01	5.00	ND	Pass
Flonicamid	0.01	0.02	0.10	ND	Pass	Trifloxystrobin	0.005	0.01	0.10	ND	Pass

Date Tested: 01/24/2022

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.



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Laboratory Director | 01/31/2022



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Type: Cannabinoid Isolate
Batch#: 01122

Mycotoxins

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	2.00	4.00		ND	Tested
Aflatoxin B2	2.00	4.00		ND	Tested
Aflatoxin G1	2.00	4.00		ND	Tested
Aflatoxin G2	2.00	4.00		ND	Tested
Ochratoxin A	1.00	2.00	20.00	ND	Pass
Total Aflatoxins			20.00	ND	Pass

Date Tested: 01/24/2022

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.

Residual Solvents

Method: EL-RES_SOLVENTS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	5.50	16.68	5000	ND	Pass
Acetonitrile	4.56	13.82	410	ND	Pass
Benzene	0.09	0.28	1	ND	Pass
Butane	3.33	10.00	5000	ND	Pass
Chloroform	0.10	0.29	1	ND	Pass
Ethanol	3.33	10.00	5000	ND	Pass
Ethyl-Acetate	3.33	10.00	5000	ND	Pass
Ethyl-Ether	3.33	10.00	5000	ND	Pass
Ethylene Oxide	0.08	0.24	1	ND	Pass
Heptane	3.33	10.00	5000	ND	Pass
n-Hexane	3.33	10.00	290	ND	Pass
Isopropanol	3.33	10.00	5000	ND	Pass
Methanol	8.85	26.80	3000	ND	Pass
Methylene-Chloride	0.10	0.31	1	ND	Pass
1,2-Dichloro-Ethane	0.10	0.29	1	ND	Pass
Pentane	3.33	10.00	5000	266.01	Pass
Propane	3.33	10.00	5000	ND	Pass
Toluene	3.33	10.00	890	ND	Pass
Xylenes	6.66	20.00	2170	ND	Pass
Trichloroethene	0.10	0.29	1	ND	Pass

Date Tested: 01/24/2022

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Matrix: Concentrates & Extracts
Type: Cannabinoid Isolate
Batch#: 01122

Microbial Impurities

Method: SOP EL-MICROBIALS

Analytes	Result	Status
Aspergillus flavus	Not Detected in 1g	Pass
Aspergillus fumigatus	Not Detected in 1g	Pass
Aspergillus niger	Not Detected in 1g	Pass
Aspergillus terreus	Not Detected in 1g	Pass
Shiga toxin-producing Escherichia coli	Not Detected in 1g	Pass
Salmonella spp	Not Detected in 1g	Pass

Date Tested: 01/25/2022

Heavy Metals

Method: SOP EL-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.012	0.036	0.200	ND	Pass
Cadmium	0.015	0.044	0.200	ND	Pass
Lead	0.055	0.167	0.500	ND	Pass
Mercury	0.005	0.015	0.100	ND	Pass

Date Tested: 01/26/2022

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.



Kevin Nolan

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Laboratory Director | 01/31/2022



BCBDOO, LLC
 13635 E 104th Ave
 Commerce City, CO 80022
 andy@buycbdoinline.com
 720-312-2376

Sample: 01-27-2022-17044
 Sample Received: 01/27/2022;
 Report Created: 01/29/2022; Expires: 01/29/2023

CBG Isolate: CBG 02222
 Concentrate & Extracts , Cannabinoid Isolate



ND%
 Total THC

ND%
 Δ-9 THC

99.883%
 Total Cannabinoids

ND %
 Total CBD

Cannabinoids

Complete

(Testing Method: HPLC, CON-P-3000.06)
 Analyst: Natalie Siracusa; Date Tested: 01/27/2022

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0990	0.1485	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0990	0.1485	ND	ND
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0990	0.1485	ND	ND
Δ-9-Tetrahydrocannabiphoro (Δ-9-THCP)	0.0990	0.1485	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0990	0.1485	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0990	0.1485	ND	ND
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0990	0.1485	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0990	0.1485	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0990	0.1485	ND	ND
Cannabidivarin (CBDV)	0.0990	0.1485	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0990	0.1485	ND	ND
Cannabidiol (CBD)	0.0990	0.1485	ND	ND
Cannabidiolic Acid (CBDA)	0.0990	0.1485	ND	ND
Cannabigerol (CBG)	0.0990	0.1485	99.883	998.832
Cannabigerolic Acid (CBGA)	0.0990	0.1485	ND	ND
Cannabinol (CBN)	0.0990	0.1485	ND	ND
Cannabinolic Acid (CBNA)	0.0990	0.1485	ND	ND
Cannabichromene (CBC)	0.0990	0.1485	ND	ND
Cannabichromenic Acid (CBCA)	0.0990	0.1485	ND	ND
Total			99.883	998.832

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty: ± 0.030%
 Total CBD Measurement of Uncertainty: ± 1.000%
 THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers

New Bloom Labs
 16121 Heritage Park Drive, A500
 Chattanooga, TN 37416
 (844) 837-8223
 TN DEA#: RN0563975
 AT-2868: ISO/IEC 17025:2017

Natalie Siracusa
 Laboratory Director

New Bloom Labs
 10606 Shady Trail, 105
 Dallas, TX 75520
 (844) 837-8223
 TX DEA#: RN0594653
 AT-2868: ISO/IEC 17025:2017

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 info@relims.com

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 Commerce City, CO 80022
 andy@buycbdonline.com
 720-312-2376

Sample: 01-27-2022-17044
 Sample Received: 01/27/2022;
 Report Created: 01/29/2022; Expires: 01/29/2023

CBG Isolate: CBG 02222
 Concentrate & Extracts , Cannabinoid Isolate



Residual Solvents

(Testing Method: HS-GC/MS, CON-P-8000.02)

Analyst: Natalie Siracusa; Date Tested: 01/27/2022

Analyte	LOQ	Mass	Analyte	LOQ	Mass
	PPM	PPM		PPM	PPM
1,2 Dichloroethane	2.000	<2.000	Ethyl Acetate	1000.000	<1000.000
1,2 Dimethoxyethane	20.000	<20.000	Ethyl Ether	1000.000	<1000.000
1,4 Dioxane	100.000	<100.000	Hexane	200.000	<200.000
1,2,3,4 Tetrahydronaphthalene	20.000	<20.000	Isobutanol	1000.000	<1000.000
1,1,1 Trichloroethane	10.000	<10.000	n-Propanol	1000.000	<1000.000
2 Ethoxyethanol	20.000	<20.000	n-Butanol	1000.000	<1000.000
2 Hexanone	20.000	<20.000	Nitromethane	10.000	<10.000
2 Propanol	1000.000	<1000.000	n-Heptane	1000.000	<1000.000
Acetone	1000.000	<1000.000	n-Pentane	1000.000	<1000.000
Acetonitrile	100.000	<100.000	o-Xylene	100.000	<100.000
Benzene	1.000	<1.000	tert-Butanol	1000.000	<1000.000
Chlorobenzene	100.000	<100.000	Tetrahydrofuran	100.000	<100.000
Dichloromethane	100.000	<100.000	Toluene	100.000	<100.000
Ethylbenzene	100.000	<100.000	trans 1,2 Dichloroethene	100.000	<100.000
Ethanol	1000.000	<1000.000	Trichloroethene	20.000	<20.000

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Sample: 01-27-2022-17043
 Sample Received: 01/27/2022;
 Report Created: 02/01/2022; Expires: 02/01/2023

CBN Isolate: CBN 02222
 Concentrate & Extracts , Cannabinoid Isolate



ND%
 Total THC

ND%
 Δ-9 THC

95.300 %
 Total Cannabinoids

ND %
 Total CBD

Cannabinoids

Complete

(Testing Method: HPLC, CON-P-3000.06)
 Analyst: Natalie Siracusa; Date Tested: 01/27/2022

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0980	0.1471	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0980	0.1471	ND	ND
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0980	0.1471	ND	ND
Δ-9-Tetrahydrocannabiphoro (Δ-9-THCP)	0.0980	0.1471	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0980	0.1471	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0980	0.1471	ND	ND
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0980	0.1471	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0980	0.1471	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0980	0.1471	ND	ND
Cannabidiol (CBD)	0.0980	0.1471	ND	ND
Cannabidiolol (CBDV)	0.0980	0.1471	ND	ND
Cannabidiolol (CBDVA)	0.0980	0.1471	ND	ND
Cannabidiol (CBD)	0.0980	0.1471	ND	ND
Cannabidiolol (CBDV)	0.0980	0.1471	ND	ND
Cannabidiolol (CBDVA)	0.0980	0.1471	ND	ND
Cannabigerol (CBG)	0.0980	0.1471	ND	ND
Cannabigerolol (CBGA)	0.0980	0.1471	ND	ND
Cannabinol (CBN)	0.0980	0.1471	95.300	953.000
Cannabinolol (CBNA)	0.0980	0.1471	ND	ND
Cannabichromene (CBC)	0.0980	0.1471	ND	ND
Cannabichromenol (CBCA)	0.0980	0.1471	ND	ND
Total			95.300	953.000

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty: ± 0.030%
 Total CBD Measurement of Uncertainty: ± 1.000%
 THC potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers

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Natalie Siracusa
 Natalie Siracusa
 Laboratory Director

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 Sample Received: 01/27/2022;
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CBN Isolate: CBN 02222
 Concentrate & Extracts , Cannabinoid Isolate



Residual Solvents

(Testing Method: HS-GC/MS, CON-P-8000.02)

Analyst: Natalie Siracusa; Date Tested: 01/27/2022

Analyte	LOQ	Mass	Analyte	LOQ	Mass
	PPM	PPM		PPM	PPM
1,2 Dichloroethane	2.000	<2.000	Ethyl Acetate	1000.000	<1000.000
1,2 Dimethoxyethane	20.000	<20.000	Ethyl Ether	1000.000	<1000.000
1,4 Dioxane	100.000	<100.000	Hexane	200.000	<200.000
1,2,3,4 Tetrahydronaphthalene	20.000	<20.000	Isobutanol	1000.000	<1000.000
1,1,1 Trichloroethane	10.000	<10.000	n-Propanol	1000.000	<1000.000
2 Ethoxyethanol	20.000	<20.000	n-Butanol	1000.000	<1000.000
2 Hexanone	20.000	<20.000	Nitromethane	10.000	<10.000
2 Propanol	1000.000	<1000.000	n-Heptane	1000.000	<1000.000
Acetone	1000.000	<1000.000	n-Pentane	1000.000	<1000.000
Acetonitrile	100.000	<100.000	o-Xylene	100.000	<100.000
Benzene	1.000	<1.000	tert-Butanol	1000.000	<1000.000
Chlorobenzene	100.000	<100.000	Tetrahydrofuran	100.000	<100.000
Dichloromethane	100.000	<100.000	Toluene	100.000	<100.000
Ethylbenzene	100.000	<100.000	trans 1,2 Dichloroethene	100.000	<100.000
Ethanol	1000.000	<1000.000	Trichloroethene	20.000	<20.000