



License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

R&D

BLACK DIAMOND CBD
7500 COLLEGE BLVD
OVERLAND PARK, KS 66210

Batch # BDVSZ1003-BB122022
Batch Date: 2021-12-20
Extracted From: Hemp

Test Reg State: Florida

Production Facility: BlackDiamond
Production Date: 2021-12-20

Order # BLA211220-010003
Order Date: 2021-12-20
Sample # AACH277

Sampling Date: 2021-12-24
Lab Batch Date: 2021-12-24
Completion Date: 2021-12-29

Initial Gross Weight: 23.444 g
Net Weight: 2.389 g

Number of Units: 1
Net Weight per Unit: 1053.000 mg

Volume: 1 ml



Product Image

Potency
Tested



Delta 8/Delta 10 Potency

12

Tested
(LCU)

Specimen Weight: 55.040 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	0.000026	0.001	802.860	80.286
THCV	0.000007	0.001	<LOQ	<LOQ
Delta-9 THC	0.000013	0.001	<LOQ	<LOQ
Delta-10 THC	0.000003	0.001	<LOQ	<LOQ
CBN	0.000014	0.001	<LOQ	<LOQ
CBGA	0.000008	0.001	<LOQ	<LOQ
CBG	0.000248	0.001	<LOQ	<LOQ
CBDV	0.000065	0.001	<LOQ	<LOQ
CBD	0.000001	0.001	<LOQ	<LOQ
CBD	0.000054	0.001	<LOQ	<LOQ
CBC	0.000018	0.001	<LOQ	<LOQ
THCA-A	0.000032	0.001	<LOQ	<LOQ



Potency Summary

Total Delta 8 80.286%	Total Delta 10 None Detected
Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 80.286% 845.412mg

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), *Total THC = THCA-A * 0.877 + Delta 9 THC, *Total THCV = THCV + (THCVA * 0.87), *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Total CBC = CBC + (CBCA * 0.877), *Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, *Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC, *Total THC-O-Acetate = Delta 8 THC-O-Acetate + THC-O-Acetate, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

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CERTIFICATE OF ANALYSIS

ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 90532
 Order Name: D8 Vape Oils
 Ingredients Panel Test
 Batch#: BDV-LK-SZ-WC-BD-SS-1003
 Received: 01/27/2022
 Completed: 02/02/2022



BlackDiamondCBD
 7500 College Blvd Suite 500
 Overland Park KS, 66210
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 Support@blackdiamondcbd.store



PESTICIDE ANALYSIS:

GSL SOP 401

PREPARED: 01/27/2022 16:29:28

UPLOADED: 01/31/2022 12:48:36

LC-MS/MS

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)	Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ABAMECTIN B1A	0.100	N/D	0.005	0.005	IMAZALIL	0.100	N/D	0.005	0.001
ACEPHATE	0.100	N/D	0.005	0.001	IMIDACLOPRID	5.000	N/D	0.005	0.001
ACEQUINOCYL	0.100	N/D	0.005	0.005	KRESOXIM-METHYL	0.100	N/D	0.005	0.005
ACETAMIPRID	0.100	N/D	0.005	0.005	MALATHION	0.500	N/D	0.005	0.001
ALDICARB	0.100	N/D	0.005	0.005	METALAXYL	2.000	N/D	0.005	0.001
AZOXYSTROBIN	0.100	N/D	0.005	0.001	METHIOCARB	0.100	N/D	0.005	0.001
BIFENAZATE	0.100	N/D	0.005	0.001	METHOMYL	1.000	N/D	0.005	0.001
BIFENTHRIN	3.000	N/D	0.005	0.005	MEVINPHOS	0.100	N/D	0.005	0.001
BOSCALID	0.100	N/D	0.005	0.005	MYCLOBUTANIL	0.100	N/D	0.005	0.005
CARBARYL	0.500	N/D	0.005	0.001	NALED	0.100	N/D	0.005	0.001
CARBOFURAN	0.100	N/D	0.005	0.001	OXAMYL	0.500	N/D	0.005	0.001
CHLORANTRANILIPROLE	10.000	N/D	0.005	0.005	PACLOBUTRAZOL	0.100	N/D	0.005	0.005
CHLORPYRIFOS	0.100	N/D	0.005	0.005	PERMETHRINS	0.500	N/D	0.005	0.005
CLOFENTEZINE	0.100	N/D	0.005	0.005	PHOSMET	0.100	N/D	0.005	0.001
DAMINOZIDE	0.100	N/D	0.005	0.001	PIPERONYL				
DIAZINON	0.100	N/D	0.005	0.005	BUTOXIDE	3.000	N/D	0.005	0.005
DICHLORVOS	0.100	N/D	0.005	0.001	PRALLETHRIN	0.100	N/D	0.005	0.005
DIMETHOATE	0.100	N/D	0.005	0.001	PROPICONAZOLE	0.100	N/D	0.010	0.005
DIMETHOMORPH	2.000	N/D	0.005	0.001	PROPOXUR	0.100	N/D	0.005	0.001
ETHOPROPHOS	0.100	N/D	0.005	0.001	PYRETHRINS	0.500	N/D	0.005	0.001
ETOFENPROX	0.100	N/D	0.005	0.005	PYRIDABEN	0.100	N/D	0.005	0.005
ETOXAZOLE	0.100	N/D	0.050	0.005	SPINETORAM	0.100	N/D	0.005	0.005
FENHEXAMID	0.100	N/D	0.005	0.001	SPINOSAD	0.100	N/D	0.005	0.005
FENOXYCARB	0.100	N/D	0.005	0.005	SPIROMESIFEN	0.100	N/D	0.005	0.001
FENPYROXIMATE	0.100	N/D	0.005	0.005	SPIROTETRAMAT	0.100	N/D	0.005	0.005
FIPRONIL	0.100	N/D	0.005	0.005	SPIROXAMINE	0.100	N/D	0.005	0.001
FLONICAMID	0.100	N/D	0.025	0.005	TEBUCONAZOLE	0.100	N/D	0.005	0.001
FLUDIOXONIL	0.100	N/D	0.005	0.005	THIACLOPRID	0.100	N/D	0.005	0.001
HEXYTHIAZOX	0.100	N/D	0.005	0.005	THIAMETHOXAM	5.000	N/D	0.005	0.001
					TRIFLOXYSTROBIN	0.100	N/D	0.005	0.005

N/D = Not Detected, A/LOQ = Above LOQ Level, B/LOQ = Below LOQ Level, B/LOD = Below LOD Level

Ben Witten, MS, MT., Lab Director

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 1-833 TEST CBD



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RESIDUAL SOLVENTS:

HS-GC-MS

GSL SOP 405

Uploaded: 01/28/2022 15:13:00

Residual Solvent	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
1,1-DICHLOROETHENE	8	N/D	0.63	0.6
1,2- DICHLOROETHANE	2	N/D	0.12	0.012
1,2-DICHLOROETHENE	5	N/D	0.73	0.09
ACETONE	5,000	N/D	140	9
ACETONITRILE	410	B/LOQ	25	0.72
BENZENE	1	N/D	1	0.6
BUTANE	5,000	N/D	50	48
CHLOROFORM	1	N/D	1	0.5
ETHANOL	5,000	N/D	140	12
ETHYL ACETATE	5,000	N/D	140	2.4
ETHYL ETHER	5,000	N/D	140	6
ETHYLENE OXIDE	1	N/D	2	0.6
ISOPROPYL ALCOHOL	5,000	B/LOQ	140	3
METHANOL	3,000	N/D	100	6
METHYLENE CHLORIDE	125	N/D	1.5	1.5
N-HEPTANE	5,000	N/D	140	6
N-HEXANE	290	N/D	18	0.06
PENTANE	5,000	N/D	140	9
PROPANE	5,000	N/D	30	30
TOLUENE	890	N/D	53	0.9
TRICHLOROETHENE	1	N/D	1	0.3
XYLENES	150	N/D	130	1.8

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Heavy Metals Analysis:

ICP-MS
GSL SOP 403

Uploaded: 01/31/2022 16:56:56

Metal	LOQ (ppb)	LOD (ppb)	Action Level (ppb)	Result (ppb)
ARSENIC (AS)	75	20	200	N/D
CADMIUM (CD)	75	20	200	N/D
MERCURY (HG)	75	20	100	N/D
LEAD (PB)	75	20	500	N/D

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1-833 TEST CBD



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