

KND Labs Crystalline CBD Isolate (EU Compliant)

Sample ID: 2104CSALA5284.3185

Matrix: Concentrates & Extracts

Type: Cannabinoid Isolate

Sample Size: 1 units

Batch Size: 12 grams

Batch#: KND 406

Produced: 04/15/2021

Collected: 04/19/2021

Received: 04/19/2021

Completed: 04/21/2021

Client
KND Labs
Lic. #

5801 W 6th Ave Unit A

Lakewood, CO 80214

	ND	>99.9%	>99.9%
	Total THC	Total CBD	Total Cannabinoids

Cannabinoids

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Results	Results	
	mg/g	mg/g	%	mg/g	
CBD	0.935	9.5965	>99.9	>999	Pass
CBC	0.2953	9.5965	ND	ND	
CBDa	1.2795	9.5965	ND	ND	
CBDV	1.9193	9.5965	ND	ND	
CBG	2.4606	9.5965	ND	ND	
CBGa	1.1811	9.5965	ND	ND	
CBN	0.5906	9.5965	ND	ND	
THCa	0.5413	9.5965	ND	ND	
THCV	1.8701	9.5965	ND	ND	
Δ 8-THC	0.8858	9.5965	ND	ND	
Δ 9-THC	0.689	9.5965	ND	ND	

Date Tested: 04/20/2021

Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

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

If the totals appear >99%, your analytical results show a combined total greater than 100%. Analytically, the results are valid based on compound purity and innate measurement uncertainties.


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Pesticides

Testing method: LCMS & GCMS-SOP 301 and 302

Pass

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.0175	0.0749	0.1	ND	Pass	Fludioxonil	0.0062	0.0973	0.1	ND	Pass
Acephate	0.01	0.0973	0.1	ND	Pass	Hexythiazox	0.0062	0.0973	0.1	ND	Pass
Acequinocyl	0.015	0.0973	0.1	ND	Pass	Imazalil *	0.005	0.0973	0.005	ND	Pass
Acetamiprid	0.0025	0.0973	0.1	ND	Pass	Imidacloprid	0.0062	0.0973	5	ND	Pass
Aldicarb *	0.0237	0.0973	0.0237	ND	Pass	Kresoxim Methyl	0.0062	0.0973	0.1	ND	Pass
Azoxystrobin	0.005	0.0973	0.1	ND	Pass	Malathion	0.0075	0.0973	0.5	ND	Pass
Bifenazate	0.0125	0.0973	0.1	ND	Pass	Metalaxyl	0.0062	0.0973	2	ND	Pass
Bifenthrin	0.0162	0.0973	3	ND	Pass	Methiocarb *	0.0112	0.0973	0.0112	ND	Pass
Boscalid	0.0075	0.0973	0.1	ND	Pass	Methomyl	0.0062	0.0973	1	ND	Pass
Captan	0.0237	0.3898	0.7	ND	Pass	Methyl Parathion *	0.0175	0.0487	0.0175	ND	Pass
Carbaryl	0.0062	0.0973	0.5	ND	Pass	Mevinphos *	0.0262	0.0973	0.0262	ND	Pass
Carbofuran *	0.0062	0.0973	0.0062	ND	Pass	Myclobutanil	0.005	0.0973	0.1	ND	Pass
Chlorantraniliprole	0.02	0.0973	10	ND	Pass	Naled	0.0087	0.0973	0.1	ND	Pass
Chlordane *	0.0175	0.0973	0.0175	ND	Pass	Oxamyl	0.0037	0.0973	0.5	ND	Pass
Chlorfenapyr *	0.0112	0.0487	0.0112	ND	Pass	Paclobutrazol *	0.0062	0.0973	0.0062	ND	Pass
Chlorpyrifos *	0.005	0.0973	0.005	ND	Pass	Pentachloronitrobenzene	0.0187	0.0487	0.1	ND	Pass
Clofentezine	0.0037	0.0973	0.1	ND	Pass	Permethrin	0.015	0.0973	0.5	ND	Pass
Coumaphos *	0.0037	0.0973	0.0037	ND	Pass	Phosmet	0.0037	0.0973	0.1	ND	Pass
Cyfluthrin	0.0212	0.0973	2	ND	Pass	Piperonyl Butoxide	0.0062	0.0973	3	ND	Pass
Cypermethrin	0.015	0.0973	1	ND	Pass	Prallethrin	0.005	0.0973	0.1	ND	Pass
Daminozide *	0.025	0.0973	0.025	ND	Pass	Propiconazole	0.0062	0.0973	0.1	ND	Pass
DDVP *	0.005	0.0973	0.005	ND	Pass	Propoxur *	0.0025	0.0973	0.0025	ND	Pass
Diazinon	0.0025	0.0973	0.1	ND	Pass	Pyrethrins	0.0536	0.0836	0.5	ND	Pass
Dimethoate *	0.0075	0.0973	0.0075	ND	Pass	Pyridaben	0.0062	0.0973	0.1	ND	Pass
Dimethomorph	0.0162	0.0973	2	ND	Pass	Spinetoram	0.0037	0.0973	0.1	ND	Pass
Ethoprophos *	0.0062	0.0973	0.0062	ND	Pass	Spinosad	0.0037	0.0986	0.1	ND	Pass
Etofenprox *	0.0075	0.0973	0.0075	ND	Pass	Spiromesifen	0.0075	0.0973	0.1	ND	Pass
Etoxazole	0.0062	0.0973	0.1	ND	Pass	Spirotetramat	0.0062	0.0973	0.1	ND	Pass
Fenhexamid	0.0187	0.0973	0.1	ND	Pass	Spiroxamine *	0.005	0.0973	0.005	ND	Pass
Fenoxycarb *	0.0075	0.0973	0.0075	ND	Pass	Tebuconazole	0.01	0.0973	0.1	ND	Pass
Fenpyroximate	0.005	0.0973	0.1	ND	Pass	Thiacloprid *	0.0175	0.0973	0.0175	ND	Pass
Fipronil *	0.0237	0.0973	0.0237	ND	Pass	Thiamethoxam	0.005	0.0973	5	ND	Pass
Flonicamid	0.0087	0.0973	0.1	ND	Pass	Trifloxystrobin	0.015	0.0973	0.1	ND	Pass

Date Tested: 04/19/2021

Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDA * 0.877 + CBD

* Denotes Category I pesticides, which fail when detected; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.


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Microbials

Testing method: PCR-SOP 401

Pass

Analyte	Result	Status
Aspergillus flavus	Not Detected	Pass
Aspergillus fumigatus	Not Detected	Pass
Aspergillus niger	Not Detected	Pass
Aspergillus terreus	Not Detected	Pass
Salmonella	Not Detected	Pass
Shiga toxin-producing E. Coli	Not Detected	Pass

Date Tested: 04/20/2021

Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

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

Heavy Metals

Testing method: ICPMS-SOP 502

Pass

Analyte	LOD	LOQ	Limit	Results	Status
Arsenic	µg/g 0.0049	µg/g 0.0491	µg/g 0.2	µg/g <LOQ	Pass
Cadmium	0.0029	0.0491	0.2	ND	Pass
Lead	0.0098	0.0491	0.5	<LOQ	Pass
Mercury	0.002	0.0491	0.1	<LOQ	Pass

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Total CBD = CBDa * 0.877 + CBD

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Residual Solvents

Testing method: HSGCMS-SOP 202

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloroethane	0.1566	0.9787	1	ND	Pass
Acetone	250.0	500.0	5000	ND	Pass
Acetonitrile	20.5	41.0	410	ND	Pass
Benzene	0.1957	0.9787	1	ND	Pass
Butane	250.0	500.0	5000	ND	Pass
Chloroform	0.3132	0.9787	1	ND	Pass
Ethanol	250.0	500.0	5000	ND	Pass
Ethyl acetate	250.0	500.0	5000	ND	Pass
Ethylene Oxide	0.1566	0.9787	1	ND	Pass
Ethyl ether	250.0	500.0	5000	ND	Pass
Heptane	250.0	500.0	5000	ND	Pass
Isopropyl alcohol	250.0	500.0	5000	ND	Pass
Methanol	150.0	300.0	3000	ND	Pass
Methylene chloride	0.1174	0.9787	1	ND	Pass
Hexane	20.0	29.0	290	ND	Pass
Pentane	250.0	500.0	5000	ND	Pass
Propane	250.0	500.0	5000	ND	Pass
Toluene	44.5	89.0	890	ND	Pass
Trichloroethylene	0.1957	0.9787	1	ND	Pass
Total xylenes	108.5	217.0	2170	ND	Pass

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Total CBD = CBDA * 0.877 + CBD

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