



Premium Broad Spectrum Distillate

Lot: African Cannamed Co
Batch: KND 592

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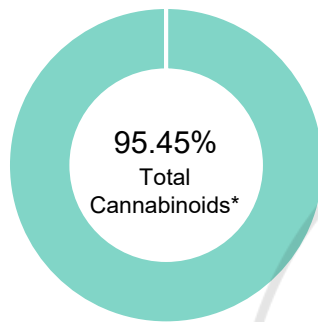
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Premium Broad Spectrum Distillate

Batch ID:	KND 592	Test ID:	t000099631
Reported:	30-March-2021	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.06	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.03	ND	ND
Cannabidiolic acid (CBDA)	0.04	ND	ND
Cannabidiol (CBD)	0.09	84.23	842.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.14	ND	ND
Cannabinolic Acid (CBNA)	0.36	ND	ND
Cannabinol (CBN)	0.01	ND	ND
Cannabigerolic acid (CBGA)	0.22	ND	ND
Cannabigerol (CBG)	0.13	9.86	98.6
Tetrahydrocannabivarinic Acid (THCVA)	0.02	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.04	ND	ND
Cannabidivarin (CBDV)	0.02	0.30	3.0
Cannabichromenic Acid (CBCA)	0.20	ND	ND
Cannabichromene (CBC)	0.23	1.06	10.6
Total Cannabinoids		95.45	954.5
Total Potential THC**		ND	ND
Total Potential CBD**		84.23	842.3

CBD 84.23%

CBDa 0.00%

delta 9 THC 0.00%

THCa 0.00%

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa * (0.877)) and

Total CBD = CBD + (CBDa * (0.877))

ND = None Detected (Defined by Dynamic Range of the method)

NOTES: AFRICAN
CANNAMED
CO

FINAL APPROVAL

	Sam Smith 30-Mar-2021 5:05 PM		Greg Zimpfer 30-Mar-2021 6:22 PM
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PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

Premium Broad Spectrum Distillate

Batch ID:	KND 592	Test ID:	T000098032
Reported:	30-March-2021	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	44 - 2613	ND*	Malathion	302 - 2613	ND*
Acetamiprid	43 - 2613	ND*	Metalaxyl	50 - 2613	ND*
Abamectin	>278	ND*	Methiocarb	45 - 2613	ND*
Azoxystrobin	47 - 2613	ND*	Methomyl	45 - 2613	ND*
Bifenazate	50 - 2613	ND*	MGK 264 1	169 - 2613	ND*
Boscalid	47 - 2613	ND*	MGK 264 2	124 - 2613	ND*
Carbaryl	45 - 2613	ND*	Myclobutanil	49 - 2613	ND*
Carbofuran	41 - 2613	ND*	Naled	44 - 2613	ND*
Chlorantraniliprole	43 - 2613	ND*	Oxamyl	45 - 2613	ND*
Chlorpyrifos	42 - 2613	ND*	Paclobutrazol	47 - 2613	ND*
Clofentezine	307 - 2613	ND*	Permethrin	301 - 2613	ND*
Diazinon	305 - 2613	ND*	Phosmet	49 - 2613	ND*
Dichlorvos	>278	ND*	Prophos	286 - 2613	ND*
Dimethoate	44 - 2613	ND*	Propoxur	42 - 2613	ND*
E-Fenpyroximate	315 - 2613	ND*	Pyridaben	312 - 2613	ND*
Etofenprox	46 - 2613	ND*	Spinosad A	32 - 2613	ND*
Etoazole	311 - 2613	ND*	Spinosad D	88 - 2613	ND*
Fenoxycarb	>47	ND*	Spiromesifen	>284	ND*
Fipronil	51 - 2613	ND*	Spirotetramat	>299	ND*
Flonicamid	47 - 2613	ND*	Spiroxamine 1	18 - 2613	ND*
Fludioxonil	>281	ND*	Spiroxamine 2	23 - 2613	ND*
Hexythiazox	37 - 2613	ND*	Tebuconazole	288 - 2613	ND*
Imazalil	297 - 2613	ND*	Thiacloprid	46 - 2613	ND*
Imidacloprid	42 - 2613	ND*	Thiamethoxam	47 - 2613	ND*
Kresoxim-methyl	48 - 2613	ND*	Trifloxystrobin	43 - 2613	ND*

* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL


 Sam Smith
 30-Mar-2021
 2:31 PM

PREPARED BY / DATE


 Ben Minton
 30-Mar-2021
 4:39 PM

APPROVED BY / DATE

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prepared for: African Cannamed Co
Northcliff, Johannesburg, 2195

Premium Broad Spectrum Distillate

Batch ID:	KND 592	Test ID:	T000098033
Reported:	30-March-2021	Method:	TM19
Type:	Other		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.069 - 6.91	ND
Cadmium	0.065 - 6.50	ND
Mercury	0.066 - 6.62	ND
Lead	0.089 - 8.93	ND

* ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL

 Ryan Weems
30-Mar-2021
5:51 PM

PREPARED BY / DATE

 Greg Zimpfer
30-Mar-2021
5:53 PM

APPROVED BY / DATE

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Premium Broad Spectrum Distillate

Batch ID:	KND 592	Test ID:	T000098030
Reported:	30-March-2021	Method:	TM24, TM25, TM26, TM27, TM28
Type:	Concentrate		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	Absent
STEC and 0157 E. coli	None Detected
Salmonella	None Detected

* CFU/g = Colony Forming Unit per Gram

** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: $10^2 = 100$ CFU
 $10^3 = 1,000$ CFU
 $10^4 = 10,000$ CFU
 $10^5 = 100,000$ CFU

NOTES:

Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

Coliforms: None Detected

FINAL APPROVAL


Sarah Henning
30-Mar-2021
2:55 PM
Greg Zimpfer
30-Mar-2021
8:47 PM

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Certificate #4329.03

Premium Broad Spectrum Distillate

Batch ID:	592	Test ID:	T000114163
Type:	Concentrate	Submitted:	12/02/2021 @ 05:00 PM
Test:	Residual Solvents	Started:	12/03/2021
Method:	TM04	Reported:	12/03/2021

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	89 - 1771	*ND
Butanes (Isobutane, n-Butane)	163 - 3264	*ND
Methanol	53 - 1055	*ND
Pentane	81 - 1629	*ND
Ethanol	86 - 1724	*ND
Acetone	84 - 1680	*ND
Isopropyl Alcohol	88 - 1753	*ND
Hexane	5 - 100	*ND
Ethyl Acetate	83 - 1665	*ND
Benzene	0.2 - 3.4	*ND
Heptanes	82 - 1644	*ND
Toluene	15 - 305	*ND
Xylenes (m,p,o-Xylenes)	111 - 2215	*ND

* ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
N/A

FINAL APPROVAL

	Michele Gagnon 12-Mar-2021 3:16 PM		Greg Zimpfer 12-Mar-2021 4:41 PM
PREPARED BY / DATE		APPROVED BY / DATE	

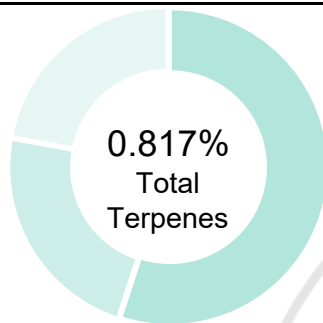
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Certificate #4329.02

Premium Broad Spectrum Distillate

Batch ID:	KND 592	Test ID:	8232130.0034
Reported:	30-March-2021	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE

PREDOMINANT TERPENES

alpha-Pinene	0.00%
(-)-beta-Pinene	0.00%
beta-Myrcene	0.00%
delta-3-Carene	0.00%
alpha-Terpinene	0.00%
d-Limonene	0.00%
Linalool	0.00%
beta-Caryophyllene	0.349%
alpha-Humulene	0.145%
(-)-alpha-Bisabolol	0.140%

Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.140	1.4
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.349	3.49
(-)-Caryophyllene Oxide	0.183	1.83
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.145	1.45
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.000	0
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	0.817%	8.17

 NOTES:
 0

FINAL APPROVAL

 Daniel Weidensaul 30-Mar-2021 1:43 PM	 Ben Minton 30-Mar-2021 3:12 PM
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Certificate #4329.02



KND PREMIUM BROAD SPECTRUM DISTILLATE

80-90% CBD | 0% THC



Easy to Formulate with Existing Products | Premium Broad Spectrum Distillate

Carrier Cannabinoids and Terpenes

Extracted Using Industry Leading Methods

No Psychoactive Substances* | Third Party Verified | Made In USA



Technical Specifications

Description

African Cannamed Co THC-Free Premium Distillate is a broad spectrum distillate which has non-detectable THC levels to 0.01%. The CBD is initially extracted through denatured ethyl alcohol extraction and further distilled through African Cannamed Co's distillation and chromatography processes. The Industrial Hemp CBD is sourced through United States Growers who have registered locations with their state Department of Agriculture. The distillate is amber gold in color and has a range of 80-90% CBD content.

General Information

Form	100% Broad Spectrum Oil
Appearance	Amber gold
Odor	Natural terpene odor
Flavor	Natural terpene flavor
Consistency	Distillate oil, must heat to homogenize prior to mixing
Solubility	Soluble with oils
Composition	100% Hemp extract by weight
Plant Parts Used in Oil	Stalk, stem, flower, seed



Application and Use

Products Used In

Country of Origin

Industry specific per customer

Various topicals and cosmetics

United States of America

Cannabinoid Content

CBD	80-90%
THC	<0.0%
CBG	Reportable
CBN	Reportable
CBC	Reportable

Cannabidiol Info

Molecular Weight	314.46
Melting Point	156°F (69°C)

Residual Solvents

Pentane	<500 ppm
Acetone	<500 ppm
Isopropyl Alcohol	<500 ppm
Hexane	<25 ppm
Methanol	<500 ppm
Heptane	<500 ppm

Elemental Impurities

Arsenic	<1.5 ppm
Cadmium	<0.5 ppm
Lead	<1 ppm
Mercury	<25 ppm

Storage

Recommended Temp	<76°F (<25°C)
Container	Food grade screw top buckets or aluminum bottle with tamper evident cap
Shelf Life	18 months from manufacture

STORE IN A COOL, DRY PLACE AWAY FROM DIRECT SUNLIGHT DO NOT FREEZE

Allergen Statement

Does not contain milk, eggs, peanuts, tree nuts, fish, shellfish, soy, or wheat.

Food and Drug Administration Disclosure

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

Revision Date: 05/05/2020
Form 03.014.01