

CBN Isolate

Batch ID:	HPCBN-0402-00013	Test ID:	T000132737
Type:	Concentrate	Submitted:	04/01/2021 @ 08:58 AM
Test:	Residual Solvents	Started:	4/6/2021
Method:	TM04	Reported:	4/6/2021

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RESIDUAL SOLVENTS


Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	104 - 2087	*ND
Butanes (Isobutane, n-Butane)	201 - 4018	*ND
Methanol	61 - 1221	*ND
Pentane	98 - 1969	*ND
Ethanol	103 - 2058	*ND
Acetone	98 - 1965	*ND
Isopropyl Alcohol	103 - 2058	*ND
Hexane	6 - 118	*ND
Ethyl Acetate	102 - 2047	*ND
Benzene	0.2 - 3.9	*ND
Heptanes	100 - 1991	*ND
Toluene	18 - 365	*ND
Xylenes (m,p,o-Xylenes)	132 - 2640	*ND

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

 NOTES:
 N/A

FINAL APPROVAL


 Ryan Weems
 6-Apr-2021
 5:02 PM
 PREPARED BY / DATE


 Daniel Weidensaul
 6-Apr-2021
 5:07 PM
 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

CBN Isolate

Batch ID:	HPCBN-0402-00013	Test ID:	T000132736
Type:	Concentrate	Submitted:	04/01/2021 @ 08:58 AM
Test:	Metals	Started:	4/6/2021
Method:	TM19	Reported:	4/7/2021

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HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.061 - 6.14	ND
Cadmium	0.061 - 6.13	ND
Mercury	0.063 - 6.26	ND
Lead	0.081 - 8.10	ND

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

FINAL APPROVAL

Daniel Weidensaul
7-Apr-2021
12:47 PMSam Smith
7-Apr-2021
12:52 PM

PREPARED BY / DATE

APPROVED BY / DATE

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CBN Isolate

Batch ID:	HPCBN-0402-00013	Test ID:	T000132734
Type:	Concentrate	Submitted:	04/01/2021 @ 08:58 AM
Test:	Pesticides	Started:	4/2/2021
Method:	TM17	Reported:	4/5/2021



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PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	38 - 2336	ND*	Malathion	273 - 2336	ND*
Acetamiprid	38 - 2336	ND*	Metalaxyl	40 - 2336	ND*
Abamectin	>319	ND*	Methiocarb	41 - 2336	ND*
Azoxystrobin	42 - 2336	ND*	Methomyl	40 - 2336	ND*
Bifenazate	31 - 2336	ND*	MGK 264 1	160 - 2336	ND*
Boscalid	49 - 2336	ND*	MGK 264 2	109 - 2336	ND*
Carbaryl	39 - 2336	ND*	Myclobutanil	44 - 2336	ND*
Carbofuran	41 - 2336	ND*	Naled	43 - 2336	ND*
Chlorantraniliprole	43 - 2336	ND*	Oxamyl	36 - 2336	ND*
Chlorpyrifos	39 - 2336	ND*	Paclobutrazol	43 - 2336	ND*
Clofentezine	256 - 2336	ND*	Permethrin	277 - 2336	ND*
Diazinon	266 - 2336	ND*	Phosmet	45 - 2336	ND*
Dichlorvos	>265	ND*	Prophos	265 - 2336	ND*
Dimethoate	38 - 2336	ND*	Propoxur	41 - 2336	ND*
E-Fenpyroximate	278 - 2336	ND*	Pyridaben	280 - 2336	ND*
Etofenprox	43 - 2336	ND*	Spinosad A	26 - 2336	ND*
Etoxazole	280 - 2336	ND*	Spinosad D	75 - 2336	ND*
Fenoxycarb	>40	ND*	Spiromesifen	>266	ND*
Fipronil	47 - 2336	ND*	Spirotetramat	>272	ND*
Flonicamid	44 - 2336	ND*	Spiroxamine 1	18 - 2336	ND*
Fludioxonil	>258	ND*	Spiroxamine 2	21 - 2336	ND*
Hexythiazox	37 - 2336	ND*	Tebuconazole	272 - 2336	ND*
Imazalil	257 - 2336	ND*	Thiacloprid	39 - 2336	ND*
Imidacloprid	41 - 2336	ND*	Thiamethoxam	41 - 2336	ND*
Kresoxim-methyl	47 - 2336	ND*	Trifloxystrobin	40 - 2336	ND*

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

N/A

FINAL APPROVAL


 Taylor Brevik
 5-Apr-2021
 12:17 PM


 Tyler Wiese
 5-Apr-2021
 12:32 PM

PREPARED BY / DATE

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CBN Isolate

Batch ID:	HPCBN-0402-00013	Test ID:	T000132735
Type:	MIP	Submitted:	04/01/2021 @ 08:58 AM
Test:	Microbial Contaminants	Started:	4/1/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	4/4/2021

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MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	Absent
E. coli (STEC)	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
4-Apr-2021
11:16 AM
Courtney Richards
4-Apr-2021
8:54 PM

PREPARED BY / DATE

APPROVED BY / DATE

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