

Prepared for:

Winsor CBD - Full Spectrum Distillate
Winsor Hemp Farm

Batch ID or Lot Number: B1-2020	Test: Residual Solvents	Reported: 3/18/22
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Matrix: N/A	Test ID: T000198415	Started: 3/18/22	USDA License: N/A
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Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 03/16/2022 @ 10:18 AM	Sampler ID: N/A
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RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	59 - 1172	*ND	
Butanes (Isobutane, n-Butane)	119 - 2380	*ND	
Methanol	47 - 947	*ND	
Pentane	66 - 1321	*ND	
Ethanol	70 - 1392	*ND	
Acetone	75 - 1496	*ND	
Isopropyl Alcohol	80 - 1591	*ND	
Hexane	5 - 92	*ND	
Ethyl Acetate	73 - 1463	*ND	
Benzene	0.1 - 2.7	*ND	
Heptanes	75 - 1503	*ND	
Toluene	13 - 269	*ND	
Xylenes (m,p,o-Xylenes)	96 - 1917	*ND	


 Jacob Miller
 18-Mar-22
 3:42 PM


 Ryan Weems
 18-Mar-22
 3:44 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

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

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.



Certificate #4329.02

Prepared for:

Winsor CBD - Full Spectrum Distillate**Winsor Hemp Farm**

Batch ID or Lot Number: **B1-2020** Test: **Mycotoxins** Reported: **3/21/22**

Matrix: Concentrate Test ID: T000198416 Started: 3/18/22 USDA License: N/A

Status: N/A Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins Received: 03/16/2022 @ 10:18 AM Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.2 - 139.6	ND	N/A
Aflatoxin B1	1.2 - 36.3	ND	
Aflatoxin B2	1.3 - 36.7	ND	
Aflatoxin G1	1.3 - 36	ND	
Aflatoxin G2	1.5 - 35.4	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	



Hannah Wright
21-Mar-22
12:25 PM

PREPARED BY / DATE



Ryan Weems
21-Mar-22
12:27 PM

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Definitions

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Certificate #4329.02

Prepared for:

Winsor CBD - Full Spectrum Distillate
Winsor Hemp Farm

Batch ID or Lot Number: B1-2020	Test: Metals	Reported: 3/21/22
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Matrix: Concentrate	Test ID: T000198414	Started: 3/18/22	USDA License: N/A
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Status: N/A	Method: TM19 (ICP-MS): Heavy Metals	Received: 03/16/2022 @ 10:18 AM	Sampler ID: N/A
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HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.046 - 4.57	ND	
Cadmium	0.044 - 4.42	ND	
Mercury	0.045 - 4.52	ND	
Lead	0.043 - 4.31	ND	


 Daniel Weidensaul
 21-Mar-22
 12:34 PM


 Ryan Weems
 21-Mar-22
 12:37 PM

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Definitions

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

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Certificate #4329.02

Prepared for:

Winsor CBD - Full Spectrum Distillate
Winsor Hemp Farm

Batch ID or Lot Number: B1-2020	Test: Pesticides	Reported: 3/18/22	Location: 5779 22nd Ave Dr. Vinton, IA 52349
Matrix: Concentrate	Test ID: T000198412	Started: 3/17/22	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 03/16/2022 @ 10:18 AM	Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	22	ND	Fenoxycarb	37	ND	Paclobutrazol	42	ND
Acetamiprid	38	ND	Fipronil	27	ND	Permethrin	299	ND
Avermectin	285	ND	Flonicamid	53	ND	Phosmet	36	ND
Azoxystrobin	36	ND	Fludioxonil	320	ND	Prophos	276	ND
Bifenazate	36	ND	Hexythiazox	35	ND	Propoxur	37	ND
Boscalid	39	ND	Imazalil	292	ND	Pyridaben	294	ND
Carbaryl	35	ND	Imidacloprid	36	ND	Spinosad A	32	ND
Carbofuran	35	ND	Kresoxim-methyl	150	ND	Spinosad D	51	ND
Chlorantraniliprole	44	ND	Malathion	282	ND	Spiromesifen	274	ND
Chlorpyrifos	500	ND	Metalaxyl	36	ND	Spirotetramat	267	ND
Clofentezine	280	ND	Methiocarb	36	ND	Spiroxamine 1	16	ND
Diazinon	281	ND	Methomyl	40	ND	Spiroxamine 2	20	ND
Dichlorvos	265	ND	MGK 264 1	162	ND	Tebuconazole	270	ND
Dimethoate	37	ND	MGK 264 2	107	ND	Thiacloprid	37	ND
E-Fenpyroximate	272	ND	Myclobutanil	45	ND	Thiamethoxam	37	ND
Etofenprox	37	ND	Naled	37	ND	Trifloxystrobin	36	ND
Etoxazole	298	ND	Oxamyl	1500	ND			


 Karen Winternheimer
 3/18/2022
 12:42:00 PM


 Daniel Weidensaul
 3/18/2022
 12:53:00 PM

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Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

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Certificate #4329.02

Winsor CBD - Full Spectrum Distillate

Batch ID:	B1-2020	Test ID:	T000198413
Matrix:	Concentrate	Received:	03/16/2022 @ 10:18 AM
Test:	Microbial Contaminants	Started:	3/16/2022
Methods:	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Reported:	3/21/2022

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	Quantitation Range	Result
Total Yeast and Mold*	TM-24 Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴ CFU/g	None Detected
Total Aerobic Count*	TM-26 Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵ CFU/g	None Detected
Total Coliforms*	TM-27 Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴ CFU/g	None Detected
STEC	TM-25 PCR	10 ⁰ CFU/g	N/A	Absent
Salmonella	TM-25 PCR	10 ⁰ CFU/g	N/A	Absent

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

Examples: 10² = 100 CFU
 10³ = 1,000 CFU
 10⁴ = 10,000 CFU
 10⁵ = 100,000 CFU

NOTES:

Free from visual mold, mildew, and foreign matter

DEFINITIONS:

CFU/g = Colony Forming Units per gram | LOD = Limit of Detection | STEC = Shiga toxin-producing E. coli
 LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

FINAL APPROVAL


Carly Bader
 3/19/2022
 2:22:00 PM



Brett Hudson
 3/21/2022
 12:02:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

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