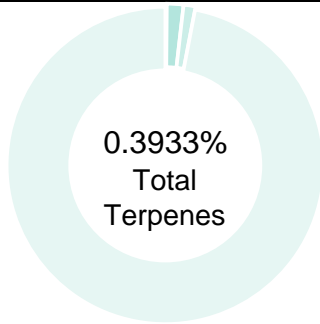


Distillate

Batch ID:	FSD2021-1	Test ID:	T000133254
Type:	Concentrate	Submitted:	04/05/2021 @ 12:21 PM
Test:	Terpenes	Started:	4/8/2021
Method:	TM22	Reported:	4/8/2021

TERPENE PROFILE




Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.3698	3.698
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0064	0.064
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0001	0.001
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0046	0.046
(-)-Isopulegol	0.0003	0.003
d-Limonene	0.0002	0.002
Linalool	0.0001	0.001
beta-Myrcene	0.0002	0.002
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0115	0.115
Ocimene	0.0001	0.001
beta-Ocimene	0.0000	0.000
alpha-Pinene	0.0000	0.000
(-)-beta-Pinene	0.0000	0.000
alpha-Terpinene	0.0000	0.000
gamma-Terpinene	0.0000	0.000
Terpinolene	0.0000	0.000
	0.3933	3.933

PREDOMINANT TERPENES

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0002
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0002
Linalool	0.0001
beta-Caryophyllene	0.0064
alpha-Humulene	0.0046
(-)-alpha-Bisabolol	0.3698

 NOTES:
 N/A

FINAL APPROVAL

 Ryan Weems 8-Apr-2021 3:56 PM	 Daniel Weidensaul 8-Apr-2021 3:58 PM
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PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC. 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

Distillate


Batch ID:	FSD2021-1	Test ID:	T000133255
Type:	Concentrate	Submitted:	04/05/2021 @ 12:21 PM
Test:	Pesticides	Started:	4/8/2021
Method:	TM17	Reported:	4/9/2021


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	39 - 2529	ND*	Malathion	293 - 2529	ND*
Acetamiprid	39 - 2529	ND*	Metalaxyl	43 - 2529	ND*
Abamectin	>286	ND*	Methiocarb	40 - 2529	ND*
Azoxystrobin	47 - 2529	ND*	Methomyl	40 - 2529	ND*
Bifenazate	35 - 2529	ND*	MGK 264 1	166 - 2529	ND*
Boscalid	45 - 2529	ND*	MGK 264 2	123 - 2529	ND*
Carbaryl	39 - 2529	ND*	Myclobutanil	43 - 2529	ND*
Carbofuran	42 - 2529	ND*	Naled	40 - 2529	ND*
Chlorantraniliprole	44 - 2529	ND*	Oxamyl	38 - 2529	ND*
Chlorpyrifos	42 - 2529	ND*	Paclobutrazol	44 - 2529	ND*
Clofentezine	286 - 2529	ND*	Permethrin	283 - 2529	ND*
Diazinon	299 - 2529	ND*	Phosmet	40 - 2529	ND*
Dichlorvos	>283	ND*	Prophos	314 - 2529	ND*
Dimethoate	38 - 2529	ND*	Propoxur	42 - 2529	ND*
E-Fenpyroximate	291 - 2529	ND*	Pyridaben	294 - 2529	ND*
Etofenprox	44 - 2529	ND*	Spinosad A	30 - 2529	ND*
Etoxazole	314 - 2529	ND*	Spinosad D	82 - 2529	ND*
Fenoxycarb	>42	ND*	Spiromesifen	>302	ND*
Fipronil	39 - 2529	ND*	Spirotetramat	>292	ND*
Flonicamid	42 - 2529	ND*	Spiroxamine 1	17 - 2529	ND*
Fludioxonil	>286	ND*	Spiroxamine 2	23 - 2529	ND*
Hexythiazox	40 - 2529	ND*	Tebuconazole	299 - 2529	ND*
Imazalil	283 - 2529	ND*	Thiacloprid	38 - 2529	ND*
Imidacloprid	43 - 2529	ND*	Thiamethoxam	38 - 2529	ND*
Kresoxim-methyl	53 - 2529	ND*	Trifloxystrobin	43 - 2529	ND*

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

N/A

FINAL APPROVAL

 Sam Smith
 9-Apr-2021
 8:41 AM


 Taylor Brevik
 9-Apr-2021
 8:44 AM

PREPARED BY / DATE

APPROVED BY / DATE

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Distillate

Batch ID:	FSD2021-1	Test ID:	T000133258
Type:	Concentrate	Submitted:	04/05/2021 @ 12:21 PM
Test:	Residual Solvents	Started:	4/8/2021
Method:	TM04	Reported:	4/9/2021


RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	102 - 2043	*ND
Butanes (Isobutane, n-Butane)	199 - 3986	*ND
Methanol	60 - 1204	*ND
Pentane	99 - 1981	*ND
Ethanol	101 - 2011	*ND
Acetone	98 - 1954	*ND
Isopropyl Alcohol	100 - 1997	*ND
Hexane	6 - 121	*ND
Ethyl Acetate	99 - 1988	*ND
Benzene	0.2 - 3.8	*ND
Heptanes	98 - 1961	*ND
Toluene	18 - 355	*ND
Xylenes (m,p,o-Xylenes)	130 - 2606	*ND


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

NOTES:
N/A

FINAL APPROVAL


 Ryan Weems
 9-Apr-2021
 11:42 AM

PREPARED BY / DATE


 Tyler Wiese
 9-Apr-2021
 1:47 PM

APPROVED BY / DATE

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Certificate #4329.02

Distillate

Batch ID:	FSD2021-1	Test ID:	0
Type:	Concentrate	Submitted:	04/05/2021 @ 12:21 PM
Test:	Microbial Contaminants	Started:	4/6/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	4/9/2021

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


Tori King
9-Apr-2021
6:04 PM
Robert Belfon
9-Apr-2021
6:08 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03