

Eurofins Microbiology Laboratories (Los Angeles)

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W.F. Young Inc

Client Code: QR0000163

Neil Beaudette
 302 Benton Drive
 East Longmeadow, MA 01028

ANALYTICAL REPORT

AR-21-QR-000394-01

Received On: 29Dec2020

Reported On: 08Jan2021

Eurofins Sample Code: 111-2020-12290082	Sample Registration Date: 29Dec2020
Client Sample Code: 1	Condition Upon Receipt: acceptable, 18.6°C
Sample Description: CBD Gel Lot 0H	Sample Reference:

FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference	Accreditation	Completed	Sub
	AOAC 2011.19 and 993.14 (modified)	ISO/IEC 17025:2005 A2LA 2918.01	08Jan2021	1

Parameter	Result
Arsenic	<0.100 ppm
Cadmium	<0.0500 ppm
Lead	<0.0500 ppm
Mercury	<0.0500 ppm

FS00D - Industrial Hemp Cannabinoid Profile	Reference	Accreditation	Completed	Sub
	AOAC 2018.11	ISO/IEC 17025:2005 A2LA 2918.01	08Jan2021	1

Parameter	Result
CBD	0.0737 %
CBDA	<0.00250 %
CBN	<0.00250 %
Delta 9-THC	<0.00250 %
THCA	<0.00250 %
CBC	<0.00250 %
CBDVA	<0.00250 %
CBG	<0.00250 %
CBGA	<0.00250 %
CBDV	<0.00250 %
Delta 8-THC	<0.00500 %
THCV	<0.00250 %
Total Cannabinoids	0.0737 %
Total THC (THC + (THCA x 0.877))	<0.00250 %
Total CBD (CBD + (CBDA x 0.877))	0.0737 %
CBCA	<0.00250 %
CBL	<0.00250 %

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FS00D - Industrial Hemp Cannabinoid Profile	Reference	Accreditation	Completed	Sub
	AOAC 2018.11	ISO/IEC 17025:2005 A2LA 2918.01	08Jan2021	1

Parameter	Result
CBNA	<0.00250 %
THCVA	<0.00250 %

FSPHC - Multi-Residue Analysis for hemp	Reference	Accreditation	Completed	Sub
	EN 15662	ISO/IEC 17025:2005 A2LA 2918.01	08Jan2021	1

Parameter	Result
Carbofuran-3-hydroxy-	<0.10 mg/kg
Abamectin	<0.30 mg/kg
Aldicarb	<0.10 mg/kg
Aldicarb sulfone (Aldoxycarb)	<0.10 mg/kg
Aldicarb sulfoxide	<0.10 mg/kg
Azoxystrobin	<0.10 mg/kg
Bifenazate	<0.10 mg/kg
Bifenthrin	<0.10 mg/kg
Carbaryl	<0.10 mg/kg
Carbofuran	<0.10 mg/kg
Chlorantraniliprole	<0.10 mg/kg
Chlordane cis-	<0.10 mg/kg
Chlordane trans-	<0.10 mg/kg
Chlorfenapyr	<0.10 mg/kg
Chlorpyrifos	<0.10 mg/kg
Coumaphos	<0.10 mg/kg
Cyfluthrin	<0.10 mg/kg
Cypermethrin	<0.10 mg/kg
Cyproconazole (2 diastereoisomers)	<0.10 mg/kg
Cyprodinil	<0.10 mg/kg
Dichlorvos	<0.10 mg/kg
Diclobutrazol	<0.10 mg/kg
Dipropetryn	<0.10 mg/kg
Disulfoton	<0.10 mg/kg
Endosulfan sulfate	<0.20 mg/kg
Endosulfan I (alpha-isomer)	<0.20 mg/kg
Endosulfan II (beta-isomer)	<0.20 mg/kg
Epoxiconazole	<0.10 mg/kg
Ethiofencarb	<0.10 mg/kg

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FSPHC - Multi-Residue Analysis for hemp	Reference	Accreditation	Completed	Sub
	EN 15662	ISO/IEC 17025:2005 A2LA 2918.01	08Jan2021	1

Parameter	Result
Etofenprox	<0.10 mg/kg
Etoxazole	<0.10 mg/kg
Fenoxycarb	<0.10 mg/kg
Fenpropathrin	<0.10 mg/kg
Fenvalerate/Esfenvalerate (sum of isomer	<0.20 mg/kg
Fipronil	<0.10 mg/kg
Fipronil desulfinyl	<0.10 mg/kg
Fipronil sulfone	<0.10 mg/kg
Imazalil (any ratio of constituent isomers)	<0.10 mg/kg
Imidacloprid	<0.10 mg/kg
Malathion	<0.10 mg/kg
Methiocarb	<0.10 mg/kg
Methiocarb sulfone	<0.10 mg/kg
Methiocarb sulfoxide	<0.10 mg/kg
Methomyl	<0.10 mg/kg
Metolachlor	<0.10 mg/kg
Mevinphos (E- and Z-isomers)	<0.10 mg/kg
Myclobutanil	<0.10 mg/kg
Naled (Dibrom)	<0.10 mg/kg
Paclobutrazol	<0.10 mg/kg
Permethrin (sum of isomers)	<0.10 mg/kg
Propoxur	<0.10 mg/kg
Pyrethrum (total)	<1.0 mg/kg
Spinetoram (spinosyns J and L)	<0.10 mg/kg
Spinosad (spinosyns A and D)	<0.10 mg/kg
Spirodiclofen	<0.10 mg/kg
Spiromesifen	<0.10 mg/kg
Spirotetramat	<0.10 mg/kg
Spiroxamine (2 diastereoisomers)	<0.10 mg/kg
Tebuconazole	<0.10 mg/kg
Thiabendazole	<0.10 mg/kg
Thiabendazole-5-hydroxy-	<0.10 mg/kg
Thiacloprid	<0.10 mg/kg
Trifloxystrobin	<0.10 mg/kg

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FS0SG - Specific Gravity	Reference	Accreditation	Completed	Sub
	NIST Handbook 133 (modified)	ISO/IEC 17025:2005 A2LA 2918.01	08Jan2021	1

Parameter	Result
Density	0.901 g/ml

FS01Y - USP Residual Solvents - Class 3	Reference	Completed	Sub
	USP <467>	08Jan2021	1

Parameter	Result
1-Butanol	<200 ppm
1-Pentanol	<200 ppm
1-Propanol	<200 ppm
2-Butanol	<200 ppm
2-Methyl-1-propanol	<200 ppm
2-Propanol	<200 ppm
3-Methyl-1-butanol	<200 ppm
Acetic Acid Butyl Ester	<200 ppm
Acetone	<200 ppm
Anisole	<200 ppm
Diethyl Ether	<200 ppm
Ethanol	>8,000 ppm
Ethyl Acetate	<200 ppm
Ethyl Formate	<500 ppm
Isobutyl Acetate	<200 ppm
Isopropyl Acetate	<200 ppm
Methyl Acetate	<200 ppm
Methylethylketone	<200 ppm
Methylisobutylketone	<200 ppm
n-Heptane	<200 ppm
n-Pentane	<200 ppm
Propyl Acetate	<200 ppm
tert-Butylmethyl Ether	<200 ppm
Total Class 3 Residual Solvents	>5,000 ppm

Subcontracting partners:
 1 - Eurofins Food Chemistry Testing US Madison, WI

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Respectfully Submitted,



Viridiana Castro
Assistant Laboratory Manager

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