

# CERTIFICATE OF ANALYSIS

Prepared for:

### **E & E Foods**

855 Village Center Dr #253 St. Paul, MN USA 55127

#### **9 POUND HAMMER**

Batch ID or Lot Number: <b>J2023U19N</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 3
Reported:	Started:	Received:	
29Jun2023	28Jun2023	28Jun2023	

#### **Pesticides**

Test ID: T000247655 Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)
Abamectin	308 - 2726	ND
Acephate	43 - 2716	ND
Acetamiprid	42 - 2723	ND
Azoxystrobin	46 - 2669	ND
Bifenazate	44 - 2667	ND
Boscalid	34 - 2701	ND
Carbaryl	39 - 2722	ND
Carbofuran	43 - 2710	ND
Chlorantraniliprole	43 - 2726	ND
Chlorpyrifos	39 - 2759	ND
Clofentezine	288 - 2741	ND
Diazinon	282 - 2686	ND
Dichlorvos	285 - 2755	ND
Dimethoate	41 - 2731	ND
E-Fenpyroximate	272 - 2762	ND
Etofenprox	43 - 2725	ND
Etoxazole	278 - 2748	ND
Fenoxycarb	13 - 2670	ND
Fipronil	60 - 2716	ND
Flonicamid	52 - 2707	ND
Fludioxonil	306 - 2679	ND
Hexythiazox	40 - 2786	ND
Imazalil	267 - 2685	ND
Imidacloprid	45 - 2814	ND
Kresoxim-methyl	45 - 2697	ND

	<b>Dynamic Range</b> (ppb)	Result (ppb)
Malathion	288 - 2702	ND
Metalaxyl	46 - 2683	ND
Methiocarb	42 - 2713	ND
Methomyl	42 - 2746	ND
MGK 264 1	165 - 1708	ND
MGK 264 2	103 - 1089	ND
Myclobutanil	45 - 2719	ND
Naled	44 - 2717	ND
Oxamyl	41 - 2764	ND
Paclobutrazol	46 - 2715	ND
Permethrin	275 - 2730	ND
Phosmet	46 - 2656	ND
Prophos	293 - 2688	ND
Propoxur	43 - 2714	ND
Pyridaben	282 - 2760	ND
Spinosad A	30 - 2076	ND
Spinosad D	58 - 670	ND
Spiromesifen	269 - 2733	ND
Spirotetramat	284 - 2693	ND
Spiroxamine 1	18 - 1200	ND
Spiroxamine 2	24 - 1504	ND
Tebuconazole	287 - 2718	ND
Thiacloprid	41 - 2710	ND
Thiamethoxam	39 - 2741	ND
Trifloxystrobin	44 - 2705	ND

**Final Approval** 

PREPARED BY / DATE

Karen Winternheimer 29Jun2023 10:44:00 AM MDT

Samantha Smul 29Jun2023 10:46:00 AM MDT

Sam Smith

APPROVED BY / DATE



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#### **Cannabinoids**

Methods: TM14 (HPLC-DAD)	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.388	1.147	ND	ND	# of Servings = 1,
Cannabichromenic Acid (CBCA)	0.355	1.049	ND	ND	Sample
Cannabidiol (CBD)	1.146	2.952	ND	ND	Weight=4.452g
Cannabidiolic Acid (CBDA)	1.176	3.027	ND	ND	
Cannabidivarin (CBDV)	0.271	0.698	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.490	1.263	ND	ND	
Cannabigerol (CBG)	0.220	0.651	ND	ND	
Cannabigerolic Acid (CBGA)	0.921	2.722	ND	ND	
Cannabinol (CBN)	0.288	0.850	ND	ND	
Cannabinolic Acid (CBNA)	0.629	1.857	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	1.098	3.243	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.997	2.945	4.670	1.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.883	2.610	ND	ND	
Tetrahydrocannabivarin (THCV)	0.200	0.592	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.779	2.302	ND	ND	
Total Cannabinoids			4.670	1.00	
Total Potential THC			4.670	1.00	
Total Potential CBD			ND	ND	

#### **Final Approval**

Watersheumer 08:23:00 AM MDT PREPARED BY / DATE

Karen Winternheimer 30Jun2023

Sawantha Small 30Jun2023 08:24:00 AM MDT

Sam Smith

APPROVED BY / DATE

### **Heavy Metals**

Test ID: T000247656

Methods: TM19 (ICP-MS): Heavy

Metals	<b>Dynamic Range</b> (ppm)	Result (ppm)	Notes
Arsenic	0.03 - 3.25	ND	
Cadmium	0.05 - 4.67	ND	
Mercury	0.04 - 3.85	ND	
Lead	0.04 - 3.98	ND	

#### **Final Approval**

Samantha Smoth PREPARED BY / DATE

Sam Smith 30Jun2023 10:19:00 AM MDT

MULLINGUME 10:25:00 AM MDT

Karen Winternheimer 30Jun2023

APPROVED BY / DATE



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https://results.botanacor.com/api/v1/coas/uuid/0385e24b-06e0-46df-9497-2c549a67a26d

#### Definitions

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa \*(0.877)) and Total CBD = CBD + (CBDa \*(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC 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)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units 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.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit A2LA for more details.







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