



27275

Batch ID or Lot Number: C0727-001	Test: Potency	Reported: 8/17/21	
Matrix: Solution	Test ID: T000155479	Started: 8/12/21	USDA License: N/A
Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 08/05/2021 @ 12:37 PM	Sampler ID: N/A

CANNABINOID PROFILE

Compound	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.132	0.438	ND	ND	Density = 0.945g/mL
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.149	0.494	0.970	1.03	
Cannabidiolic acid (CBDA)	0.220	0.524	ND	ND	
Cannabidiol (CBD)	0.214	0.511	32.121	33.99	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.164	0.544	ND	ND	
Cannabinolic Acid (CBNA)	0.094	0.312	ND	ND	
Cannabinol (CBN)	0.043	0.143	0.098*	0.1*	
Cannabigerolic acid (CBGA)	0.138	0.457	ND	ND	
Cannabigerol (CBG)	0.033	0.109	2.561	2.71	
Tetrahydrocannabivarinic Acid (THCVA)	0.116	0.386	ND	ND	
Tetrahydrocannabivarin (THCV)	0.030	0.099	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.092	0.218	ND	ND	
Cannabidivarin (CBDV)	0.051	0.121	0.183	0.19	
Cannabichromenic Acid (CBCA)	0.053	0.176	ND	ND	
Cannabichromene (CBC)	0.058	0.192	ND	ND	
Total Cannabinoids			35.933	38.02	
Total Potential THC**			0.970	1.03	
Total Potential CBD**			32.121	33.99	


 Daniel Weidensaul
 17-Aug-2021
 01:50 PM


 Taylor Brevik
 17-Aug-21
 1:56 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

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

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27275

Batch ID or Lot Number: **C0727-001** Test: **Pesticides** Reported: **8/11/21**

Matrix: Concentrate Test ID: T000155480 Started: 8/10/21 USDA License: N/A

Status: N/A Method: TM17(LC-QQQ LC MS/MS): Received: 08/05/2021 @ 12:37 PM Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppm)	Result (ppm)	Compound	LOQ (ppm)	Result (ppm)	Compound	LOQ (ppm)	Result (ppm)
Acephate	54	ND	Fenoxycarb	54	ND	Paclobutrazol	54	ND
Acetamiprid	54	ND	Fipronil	54	ND	Permethrin	324	ND
Avermectin	324	ND	Flonicamid	54	ND	Phosmet	54	ND
Azoxystrobin	54	ND	Fludioxonil	324	ND	Prophos	324	ND
Bifenazate	54	ND	Hexythiazox	54	ND	Propoxur	54	ND
Boscalid	54	ND	Imazalil	324	ND	Pyridaben	324	ND
Carbaryl	54	ND	Imidacloprid	54	ND	Spinosad A	54	ND
Carbofuran	54	ND	Kresoxim-methyl	150	ND	Spinosad D	324	ND
Chlorantraniliprole	54	ND	Malathion	324	ND	Spiromesifen	324	ND
Chlorpyrifos	500	ND	Metalaxyl	54	ND	Spirotetramat	324	ND
Clofentezine	324	ND	Methiocarb	54	ND	Spiroxamine 1	54	ND
Diazinon	324	ND	Methomyl	54	ND	Spiroxamine 2	54	ND
Dichlorvos	324	ND	MGK 264 1	324	ND	Tebuconazole	324	ND
Dimethoate	54	ND	MGK 264 2	324	ND	Thiacloprid	54	ND
E-Fenpyroximate	324	ND	Myclobutanil	54	ND	Thiamethoxam	54	ND
Etofenprox	54	ND	Naled	54	ND	Trifloxystrobin	54	ND
Etoxazole	324	ND	Oxamyl	1500	ND			



Taylor Brevik
 8/11/2021
 4:08:00 PM



Sam Smith
 8/11/2021
 4:11:00 PM

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Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

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OFTKL900

Batch ID or Lot Number: 21253A	Test: Microbial Contaminants	Reported: 9/17/21	
Matrix: Finished Product	Test ID: T000162986	Started: 9/14/21	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	Received: 09/13/2021 @ 01:14 PM	Sampler ID: N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result	Notes
Total Aerobic Count*	TM-26, Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
Total Coliforms*	TM-27, Culture Plating	10 ² CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
Total Yeast and Mold*	TM-24, Culture Plating	10 ² CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
E. coli (STEC)	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	
Salmonella	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	


 Jackson Osaghae-Nosa
 9/17/2021
 11:01:00 AM


 Tori King
 9/17/2021
 3:54:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

 CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

* 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

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Batch ID or Lot Number: C0727-001	Test: Residual Solvents	Reported: 8/12/21	
Matrix: N/A	Test ID: T000155483	Started: 8/11/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents (Colorado Panel)	Received: 08/05/2021 @ 12:37 PM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	79 - 1585	*ND	
Butanes (Isobutane, n-Butane)	149 - 2976	*ND	
Methanol	55 - 1102	*ND	
Pentane	81 - 1628	*ND	
Ethanol	87 - 1740	*ND	
Acetone	90 - 1792	*ND	
Isopropyl Alcohol	99 - 1978	*ND	
Hexane	6 - 110	*ND	
Ethyl Acetate	91 - 1819	*ND	
Benzene	0 - 4	*ND	
Heptanes	86 - 1728	*ND	
Toluene	16 - 329	*ND	
Xylenes (m,p,o-Xylenes)	121 - 2429	*ND	

 Karen Winternheimer
12-Aug-21
3:07 PM

PREPARED BY / DATE

 Ryan Weems
12-Aug-21
3:09 PM

APPROVED BY / DATE

Definitions

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

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Batch ID or Lot Number: C0727-001	Test: Mycotoxins	Reported: 8/12/21	Location: 1250 S Capital of Texas Highway, B West Lake Hills, TX 78746-6446
Matrix: Concentrate	Test ID: T000155484	Started: 8/11/21	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins (Colorado Panel)	Received: 08/05/2021 @ 12:37 PM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	5.2 - 139.9	ND	N/A
Aflatoxin B1	1 - 36.2	ND	
Aflatoxin B2	1.1 - 35.4	ND	
Aflatoxin G1	1 - 35.6	ND	
Aflatoxin G2	1.2 - 34.3	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	


 Taylor Brevik
 12-Aug-21
 2:47 PM

PREPARED BY / DATE


 Sam Smith
 12-Aug-21
 2:50 PM

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Definitions

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

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Batch ID or Lot Number: C0727-001	Test: Metals	Reported: 8/13/21	
Matrix: Unit Co	Test ID: T000155482	Started: 8/12/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS); Heavy Metals (Colorado Panel)	Received: 08/05/2021 @ 12:37 PM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Arsenic	0.044 - 4.39	ND	
Cadmium	0.048 - 4.78	ND	
Mercury	0.044 - 4.38	ND	
Lead	0.044 - 4.38	ND	


 Sam Smith
 13-Aug-21
 1:11 PM

PREPARED BY / DATE


 Daniel Weidensaul
 13-Aug-21
 1:14 PM

APPROVED BY / DATE

Definitions

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

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