

D524


Batch ID or Lot Number: LB-O-60683	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 5
Reported: 23Jun2025	Started: 11Jun2025	Received: 11Jun2025	

**Microbial
Contaminants -
Colorado Compliance**

Test ID: T000306566
Methods: TM25 (qPCR) TM24, TM26,
TM27 (Culture Plating): Microbial
(Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Amendment to T000306566, issued 16Jun2025, to correct sample name and batch ID. Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval


Nora Langer
23Jun2025
03:23:00 PM MDT

PREPARED BY / DATE


Brett Hudson
23Jun2025
03:43:00 PM MDT

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Pesticides


Test ID: T000306565

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	Dynamic Range (ppb)	Result (ppb)	
Abamectin	389 - 2670	ND	Malathion	296 - 2803	ND
Acephate	46 - 2787	ND	Metalaxyl	41 - 2745	ND
Acetamiprid	42 - 2739	ND	Methiocarb	45 - 2729	ND
Azoxystrobin	43 - 2755	ND	Methomyl	42 - 2795	ND
Bifenazate	39 - 2760	ND	MGK 264 1	163 - 1704	ND
Boscalid	42 - 2727	ND	MGK 264 2	118 - 1092	ND
Carbaryl	42 - 2748	ND	Myclobutanil	47 - 2680	ND
Carbofuran	44 - 2733	ND	Naled	42 - 2715	ND
Chlorantraniliprole	39 - 2719	ND	Oxamyl	44 - 2752	ND
Chlorpyrifos	34 - 2761	ND	Paclbutrazol	46 - 2715	ND
Clofentezine	297 - 2769	ND	Permethrin	286 - 2776	ND
Diazinon	285 - 2769	ND	Phosmet	43 - 2757	ND
Dichlorvos	278 - 2794	ND	Prophos	319 - 2718	ND
Dimethoate	43 - 2775	ND	Propoxur	42 - 2746	ND
E-Fenpyroximate	284 - 2724	ND	Pyridaben	284 - 2697	ND
Etofenprox	39 - 2727	ND	Spinosad A	30 - 2028	ND
Etoxazole	288 - 2708	ND	Spinosad D	72 - 704	ND
Fenoxycarb	1 - 2797	ND	Spiromesifen	278 - 2686	ND
Fipronil	7 - 2794	ND	Spirotetramat	295 - 2708	ND
Fonicamid	38 - 2820	ND	Spiroxamine 1	20 - 1197	ND
Fludioxonil	317 - 2758	ND	Spiroxamine 2	26 - 1501	ND
Hexythiazox	41 - 2726	ND	Tebuconazole	313 - 2737	ND
Imazalil	296 - 2793	ND	Thiacloprid	43 - 2761	ND
Imidacloprid	44 - 2819	ND	Thiamethoxam	43 - 2786	ND
Kresoxim-methyl	43 - 2798	ND	Trifloxystrobin	42 - 2724	ND

Final Approval


 Judith Marquez
 23Jun2025
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 Sam Smith
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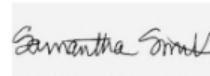
Batch ID or Lot Number: LB-O-60683	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 3 of 5
Reported: 23Jun2025	Started: 11Jun2025	Received: 11Jun2025	

Cannabinoids

Test ID: T000306564 Methods: TM14 (HPLC-DAD)	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.056	0.166	2.260	2.40	Amendment to T000306564, issued 13Jun2025, to correct sample name and batch ID. Density = 0.945g/mL
Cannabichromenic Acid (CBCA)	0.052	0.152	ND	ND	
Cannabidiol (CBD)	0.147	0.496	63.280	67.00	
Cannabidiolic Acid (CBDA)	0.151	0.508	1.460	1.50	
Cannabidivarin (CBDV)	0.035	0.117	0.290	0.30	
Cannabidivarinic Acid (CBDVA)	0.063	0.212	ND	ND	
Cannabigerol (CBG)	0.032	0.094	1.140	1.20	
Cannabigerolic Acid (CBGA)	0.134	0.395	ND	ND	
Cannabinol (CBN)	0.042	0.123	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.091	0.270	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.160	0.471	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.145	0.427	2.000	2.10	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.128	0.379	ND	ND	
Tetrahydrocannabivarin (THCV)	0.029	0.086	0.100	0.10	
Tetrahydrocannabivarinic Acid (THCVA)	0.113	0.334	ND	ND	
Total Cannabinoids			70.530	74.60	
Total Potential THC			2.000	2.10	
Total Potential CBD			64.560	68.32	

Final Approval

 Judith Marquez
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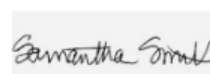

 Sam Smith
 23Jun2025
 03:36:00 PM MDT
 APPROVED BY / DATE

**Heavy Metals -
Colorado Compliance**

Test ID: T000306567 Methods: TM19 (ICP-MS); Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.17 - 16.98	ND	Amendment to T000306567, issued 13Jun2025, to correct sample name and batch ID.
Cadmium	0.05 - 4.58	ND	
Mercury	0.05 - 4.65	ND	
Lead	0.25 - 24.76	ND	

Final Approval

 Judith Marquez
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 Sam Smith
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Residual Solvents

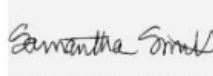
Test ID: T000306568

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	82 - 1635	ND	Amendment to T000306568, issued 13Jun2025, to correct sample name and batch ID.
Butanes (Isobutane, n-Butane)	153 - 3051	ND	
Methanol	62 - 1235	ND	
Pentane	82 - 1632	ND	
Ethanol	85 - 1703	ND	
Acetone	95 - 1899	ND	
Isopropyl Alcohol	97 - 1931	ND	
Hexane	6 - 116	ND	
Ethyl Acetate	96 - 1916	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	90 - 1806	ND	
Toluene	17 - 345	ND	
Xylenes (m,p,o-Xylenes)	123 - 2460	ND	

Final Approval


Judith Marquez
23Jun2025
03:32:00 PM MDT
PREPARED BY / DATE


Sam Smith
23Jun2025
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APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/348cf82a-2863-410e-98f8-ec66bbe535b4>

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

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Residual Solvents

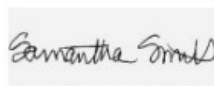
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Xylenes (m,p,o-Xylenes)	123 - 2460	ND	

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 Judith Marquez
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