

Prepared for:
Nanolabs, LLC

CBG Isolate

Batch ID or Lot Number: CBG-22-005	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 4
Reported: 06Dec2022	Started: 05Dec2022	Received: 01Dec2022	


Pesticides


Test ID: T000230001

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	335 - 2667	ND		Malathion	290 - 2707	ND
Acephate	41 - 2767	ND		Metalaxyl	38 - 2744	ND
Acetamiprid	42 - 2742	ND		Methiocarb	44 - 2686	ND
Azoxystrobin	42 - 2720	ND		Methomyl	41 - 2754	ND
Bifenazate	40 - 2728	ND		MGK 264 1	166 - 1627	ND
Boscalid	44 - 2714	ND		MGK 264 2	116 - 1113	ND
Carbaryl	43 - 2725	ND		Myclobutanil	38 - 2682	ND
Carbofuran	42 - 2708	ND		Naled	42 - 2756	ND
Chlorantraniliprole	43 - 2667	ND		Oxamyl	40 - 2746	ND
Chlorpyrifos	38 - 2642	ND		Paclobutrazol	48 - 2701	ND
Clofentezine	279 - 2733	ND		Permethrin	294 - 2686	ND
Diazinon	276 - 2737	ND		Phosmet	40 - 2702	ND
Dichlorvos	280 - 2790	ND		Prophos	290 - 2696	ND
Dimethoate	38 - 2742	ND		Propoxur	42 - 2704	ND
E-Fenpyroximate	294 - 2676	ND		Pyridaben	305 - 2654	ND
Etofenprox	42 - 2681	ND		Spinosad A	32 - 2231	ND
Etoxazole	306 - 2670	ND		Spinosad D	49 - 485	ND
Fenoxycarb	42 - 2736	ND		Spiromesifen	290 - 2693	ND
Fipronil	41 - 2666	ND		Spirotetramat	278 - 2722	ND
Flonicamid	47 - 2713	ND		Spiroxamine 1	18 - 1128	ND
Fludioxonil	267 - 2705	ND		Spiroxamine 2	22 - 1539	ND
Hexythiazox	39 - 2705	ND		Tebuconazole	285 - 2720	ND
Imazalil	250 - 2752	ND		Thiacloprid	42 - 2742	ND
Imidacloprid	47 - 2728	ND		Thiamethoxam	39 - 2769	ND
Kresoxim-methyl	38 - 2747	ND		Trifloxystrobin	43 - 2732	ND

Final Approval


 Sam Smith
 06Dec2022
 02:31:00 PM MST
 PREPARED BY / DATE


 Karen Winternheimer
 06Dec2022
 02:34:00 PM MST
 APPROVED BY / DATE

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Cannabinoids - Colorado Compliance

Test ID: T000230000
Methods: TM14 (HPLC-DAD): Potency - Full Spectrum
Analysis, 0.3% THC

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.296	1.011	ND	ND	
Cannabichromenic Acid (CBCA)	0.271	0.925	ND	ND	
Cannabidiol (CBD)	0.908	2.654	ND	ND	
Cannabidiolic Acid (CBDA)	0.931	2.722	ND	ND	
Cannabidivarin (CBDV)	0.215	0.628	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.388	1.136	ND	ND	
Cannabigerol (CBG)	0.168	0.574	90.912	909.12	
Cannabigerolic Acid (CBGA)	0.703	2.400	ND	ND	
Cannabinol (CBN)	0.219	0.749	ND	ND	
Cannabinolic Acid (CBNA)	0.480	1.637	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.838	2.859	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.003	0.010	0.109	1.09	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.003	0.009	ND	ND	
Tetrahydrocannabivarin (THCV)	0.153	0.522	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.594	2.029	ND	ND	
Total Cannabinoids			91.021	910.21	
Total Potential THC			0.109	1.09	
Total Potential CBD			ND	ND	

Final Approval


Sam Smith
08Dec2022
12:08:00 PM MST
PREPARED BY / DATE



Karen Winternheimer
08Dec2022
12:11:00 PM MST
APPROVED BY / DATE


Heavy Metals - Colorado Compliance

Test ID: T000230002
Methods: TM19 (ICP-MS): Heavy Metals

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.32	ND	
Cadmium	0.04 - 4.42	ND	
Mercury	0.04 - 4.44	ND	
Lead	0.05 - 5.08	ND	

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Sam Smith
08Dec2022
01:13:00 PM MST
PREPARED BY / DATE


Karen Winternheimer
08Dec2022
01:16:00 PM MST
APPROVED BY / DATE

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Residual Solvents - Colorado Compliance

Test ID: T000230003

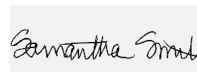
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	98 - 1965	ND	
Butanes (Isobutane, n-Butane)	197 - 3941	ND	
Methanol	64 - 1287	ND	
Pentane	111 - 2226	ND	
Ethanol	103 - 2066	ND	
Acetone	108 - 2159	ND	
Isopropyl Alcohol	111 - 2218	ND	
Hexane	7 - 130	ND	
Ethyl Acetate	108 - 2155	ND	
Benzene	0.2 - 4.2	ND	
Heptanes	108 - 2164	ND	
Toluene	19 - 376	ND	
Xylenes (m,p,o-Xylenes)	133 - 2667	ND	

Final Approval

 Karen Winternheimer
08Dec2022
03:05:00 PM MST

PREPARED BY / DATE

 Sam Smith
08Dec2022
03:08:00 PM MST

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<https://results.botanacor.com/api/v1/coas/uuid/0d7cbd13-b2a4-4853-a4a5-526a691a561e>

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 \times (0.877)) and Total CBD = CBD + (CBDa \times (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 \times (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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