

Prepared for:
True Hemp Science

505 W Mary St
Austin, TX USA 78704

THS Nano CBG eG22 - F

Batch ID or Lot Number: BSB-eG220001-GLLSOR	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 5
Reported: 13Dec2023	Started: 12Dec2023	Received: 11Dec2023	


Residual Solvents

Test ID: T000264486

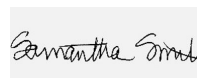
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	93 - 1860	ND	
Butanes (Isobutane, n-Butane)	180 - 3598	ND	
Methanol	64 - 1273	ND	
Pentane	97 - 1949	ND	
Ethanol	103 - 2069	>2069	
Acetone	103 - 2055	ND	
Isopropyl Alcohol	111 - 2228	ND	
Hexane	6 - 125	ND	
Ethyl Acetate	106 - 2116	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	101 - 2021	ND	
Toluene	19 - 380	ND	
Xylenes (m,p,o-Xylenes)	141 - 2817	ND	

Final Approval

 Karen Winternheimer
13Dec2023
12:01:00 PM MST

PREPARED BY / DATE

 Sam Smith
13Dec2023
12:10:00 PM MST

APPROVED BY / DATE


Heavy Metals

Test ID: T000264485


Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.02	ND	
Cadmium	0.04 - 4.08	ND	
Mercury	0.04 - 4.26	ND	
Lead	0.04 - 4.18	ND	

Final Approval

 Sam Smith
14Dec2023
02:35:00 PM MST

PREPARED BY / DATE

 Karen Winternheimer
14Dec2023
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Microbial Contaminants

Test ID: T000264484

Methods: TM25 (PCR) TM24, TM26, TM27 (Culture Plating)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	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



Brett Hudson
15Dec2023
12:04:00 PM MST

PREPARED BY / DATE



Eden Thompson-Wright
15Dec2023
12:12:00 PM MST

APPROVED BY / DATE

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Cannabinoids


Test ID: T000264482

Methods: TM14 (HPLC-DAD): Potency - Broad
Spectrum Analysis, 0.01% THC

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.220	0.724	1.887	1.77	Density = 1.067227g/mL
Cannabichromenic Acid (CBCA)	0.201	0.662	ND	ND	
Cannabidiol (CBD)	0.646	1.883	6.111	5.73	
Cannabidiolic Acid (CBDA)	0.662	1.931	ND	ND	
Cannabidivarin (CBDV)	0.153	0.445	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.276	0.806	ND	ND	
Cannabigerol (CBG)	0.125	0.411	86.051	80.63	
Cannabigerolic Acid (CBGA)	0.522	1.718	ND	ND	
Cannabinol (CBN)	0.163	0.536	ND	ND	
Cannabinolic Acid (CBNA)	0.356	1.172	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.622	2.047	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.051	0.169	0.958	0.90	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.045	0.150	ND	ND	
Tetrahydrocannabivarin (THCV)	0.114	0.374	<LOQ	<LOQ	
Tetrahydrocannabivarinic Acid (THCVA)	0.441	1.453	ND	ND	
Total Cannabinoids			95.007	89.03	
Total Potential THC			0.958	0.90	
Total Potential CBD			6.111	5.73	

Final Approval


 Sam Smith
 15Dec2023
 12:11:00 PM MST
 PREPARED BY / DATE


 Karen Winternheimer
 15Dec2023
 12:15:00 PM MST
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Pesticides


Test ID: T000264483

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	261 - 2803	ND		Malathion	288 - 2663	ND
Acephate	43 - 2806	ND		Metalaxyl	45 - 2682	ND
Acetamiprid	45 - 2739	ND		Methiocarb	45 - 2698	ND
Azoxystrobin	46 - 2680	ND		Methomyl	42 - 2816	ND
Bifenazate	45 - 2682	ND		MGK 264 1	164 - 1629	ND
Boscalid	52 - 2727	ND		MGK 264 2	110 - 1084	ND
Carbaryl	43 - 2713	ND		Myclobutanil	14 - 2686	ND
Carbofuran	44 - 2690	ND		Naled	47 - 2670	ND
Chlorantraniliprole	41 - 2652	ND		Oxamyl	43 - 2820	ND
Chlorpyrifos	41 - 2702	ND		Paclobutrazol	40 - 2715	ND
Clofentezine	276 - 2742	ND		Permethrin	277 - 2734	ND
Diazinon	293 - 2684	ND		Phosmet	45 - 2564	ND
Dichlorvos	289 - 2802	ND		Prophos	274 - 2674	ND
Dimethoate	42 - 2782	ND		Propoxur	45 - 2699	ND
E-Fenpyroximate	280 - 2759	ND		Pyridaben	287 - 2678	ND
Etofenprox	43 - 2686	ND		Spinosad A	33 - 2092	ND
Etoxazole	278 - 2626	ND		Spinosad D	65 - 662	ND
Fenoxycarb	47 - 2684	ND		Spiromesifen	267 - 2700	ND
Fipronil	33 - 2818	ND		Spirotetramat	302 - 2752	ND
Flonicamid	43 - 2860	ND		Spiroxamine 1	16 - 1013	ND
Fludioxonil	313 - 2681	ND		Spiroxamine 2	24 - 1579	ND
Hexythiazox	46 - 2725	ND		Tebuconazole	303 - 2661	ND
Imazalil	288 - 2718	ND		Thiacloprid	42 - 2788	ND
Imidacloprid	44 - 2830	ND		Thiamethoxam	41 - 2835	ND
Kresoxim-methyl	46 - 2690	ND		Trifloxystrobin	43 - 2729	ND

Final Approval

 Karen Winternheimer
19Dec2023
09:09:00 AM MST
PREPARED BY / DATE

 Sam Smith
19Dec2023
09:36:00 AM MST
APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/8d90eedf-62eb-465b-b209-3196ee405814>

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.

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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. 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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