

CERTIFICATE OF ANALYSIS

Prepared for:

S.S.A INC

1500 W. Hampden Ave STE 1B
Englewood, CO USA 80110

Broad Spectrum Gummy

Batch ID or Lot Number: SLGV7-041424	Test: Potency	Reported: 29Apr2024	USDA License: N/A
Matrix: Unit	Test ID: T000278535	Started: 29Apr2024	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	Received: 23Apr2024	Status: Active

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.406	1.441	<LOQ	<LOQ	# of Servings = 1 Sample Weight=6g
Cannabichromenic Acid (CBCA)	0.371	1.318	ND	ND	
Cannabidiol (CBD)	1.360	3.673	22.764	3.79	
Cannabidiolic Acid (CBDA)	1.395	3.767	ND	ND	
Cannabidivarin (CBDV)	0.322	0.869	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.582	1.571	ND	ND	
Cannabigerol (CBG)	0.230	0.818	ND	ND	
Cannabigerolic Acid (CBGA)	0.963	3.420	ND	ND	
Cannabinol (CBN)	0.301	1.067	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.657	2.333	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	1.148	4.074	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.174	0.617	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.154	0.546	ND	ND	
Tetrahydrocannabivarin (THCV)	0.210	0.744	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.815	2.892	ND	ND	
Total Cannabinoids			22.764	3.79	
Total Potential THC			ND	ND	
Total Potential CBD			22.764	3.79	

Final Approval



Karen Winternheimer
29Apr2024
04:03:00 PM MDT

PREPARED BY / DATE



Phillip Travisano
29Apr2024
04:05:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/e9af766a-27b2-4c0b-abe6-9a7fd27172e>

Definitions

% = % (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)).

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Cert #4329.02

CDPHE Certified

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CERTIFICATE OF ANALYSIS

Prepared for:

S.S.A INC

1500 W. Hampden Ave STE 1B
Englewood, CO USA 80110

Broad Spectrum Gummy

Batch ID or Lot Number: SLGV7-041424	Test: Microbial Contaminants	Reported: 29Apr2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000278537	Started: 24Apr2024	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 23Apr2024	Status: Active

Microbial

Contaminants	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
28Apr2024
11:23:00 AM MDT



Brianne Maillot
29Apr2024
10:24:00 AM MDT



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/cdfb7447-4e1e-4cb7-866d-d5bd8538f2ff>

Definitions

* 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
CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection
ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation
STEC = Shiga Toxin-Producing E. coli

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CERTIFICATE OF ANALYSIS

Prepared for:

S.S.A INC

1500 W. Hampden Ave STE 1B
Englewood, CO USA 80110

Broad Spectrum Gummy

Batch ID or Lot Number: SLGV7-041424	Test: Residual Solvents	Reported: 25Apr2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000278539	Started: 24Apr2024	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 23Apr2024	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	85 - 1696	ND	
Butanes (Isobutane, n-Butane)	180 - 3592	ND	
Methanol	68 - 1364	ND	
Pentane	91 - 1827	ND	
Ethanol	97 - 1944	405	
Acetone	107 - 2132	ND	
Isopropyl Alcohol	112 - 2243	ND	
Hexane	7 - 132	ND	
Ethyl Acetate	109 - 2173	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	101 - 2027	ND	
Toluene	19 - 389	ND	
Xylenes (m,p,o-Xylenes)	137 - 2742	ND	

Final Approval



Karen Winternheimer
25Apr2024
08:45:00 AM MDT

PREPARED BY / DATE



Phillip Travisano
25Apr2024
08:46:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/8df5fb47-001d-405c-a3a4-4adc66b06baf>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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CERTIFICATE OF ANALYSIS

Prepared for:

S.S.A INC

1500 W. Hampden Ave STE 1B
Englewood, CO USA 80110

Broad Spectrum Gummy

Batch ID or Lot Number: SLGV7-041424	Test: Mycotoxins	Reported: 29Apr2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000278540	Started: 25Apr2024	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 23Apr2024	Status: Active

Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.11 - 124.24	ND	N/A
Aflatoxin B1	0.87 - 31.58	ND	
Aflatoxin B2	0.87 - 31.42	ND	
Aflatoxin G1	0.99 - 31.73	ND	
Aflatoxin G2	0.93 - 31.61	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Karen Winternheimer
29Apr2024
12:47:00 PM MDT

PREPARED BY / DATE



Phillip Travisano
29Apr2024
12:51:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/e0435bfa-6a80-419d-9c57-b71e916a3362>

Definitions

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CDPHE Certified

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Prepared for:

S.S.A INC

1500 W. Hampden Ave STE 1B
Englewood, CO USA 80110

Broad Spectrum Gummy


Batch ID or Lot Number: SLGV7-041424	Test: Pesticides	Reported: 03May2024	USDA License: NA
Matrix: Finished Product	Test ID: T000278536	Started: 13Apr2024	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 23Apr2024	Status: NA

Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	254 - 2693	ND
Acephate	40 - 2756	ND
Acetamiprid	37 - 2694	ND
Azoxystrobin	43 - 2687	ND
Bifenazate	41 - 2679	ND
Boscalid	37 - 2738	ND
Carbaryl	40 - 2716	ND
Carbofuran	40 - 2713	ND
Chlorantraniliprole	36 - 2729	ND
Chlorpyrifos	46 - 2784	ND
Clofentezine	281 - 2757	ND
Diazinon	274 - 2701	ND
Dichlorvos	264 - 2713	ND
Dimethoate	37 - 2714	ND
E-Fenpyroximate	257 - 2806	ND
Etofenprox	41 - 2768	ND
Etoxazole	286 - 2697	ND
Fenoxycarb	43 - 2663	ND
Fipronil	56 - 2801	ND
Flonicamid	40 - 2738	ND
Fludioxonil	313 - 2754	ND
Hexythiazox	42 - 2800	ND
Imazalil	276 - 2730	ND
Imidacloprid	43 - 2767	ND
Kresoxim-methyl	41 - 2741	ND

Pesticides	Dynamic Range (ppb)	Result (ppb)
Malathion	279 - 2683	ND
Metalaxyl	40 - 2689	ND
Methiocarb	41 - 2740	ND
Methomyl	37 - 2756	ND
MGK 264 1	163 - 1640	ND
MGK 264 2	106 - 1093	ND
Myclobutanil	42 - 2774	ND
Naled	45 - 2668	ND
Oxamyl	38 - 2750	ND
Pacllobutrazol	40 - 2719	ND
Permethrin	270 - 2774	ND
Phosmet	40 - 2557	ND
Prophos	288 - 2747	ND
Propoxur	41 - 2721	ND
Pyridaben	284 - 2801	ND
Spinosad A	32 - 2096	ND
Spinosad D	68 - 672	ND
Spiromesifen	285 - 2747	ND
Spirotetramat	291 - 2781	ND
Spiroxamine 1	15 - 1028	ND
Spiroxamine 2	23 - 1621	ND
Tebuconazole	274 - 2683	ND
Thiacloprid	40 - 2712	ND
Thiamethoxam	39 - 2752	ND
Trifloxystrobin	42 - 2740	ND

Final Approval



Karen Winternheimer
03May2024
10:16:00 AM MDT

PREPARED BY / DATE



Phillip Travisano
03May2024
10:19:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/4b03939a-21a0-4449-bd43-6ae8c91d5f6b>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range
ppb = Parts Per Billion

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CERTIFICATE OF ANALYSIS

Prepared for:

S.S.A INC

1500 W. Hampden Ave STE 1B
Englewood, CO USA 80110

Broad Spectrum Gummy

Batch ID or Lot Number: SLGV7-041424	Test: Heavy Metals	Reported: 30Apr2024	USDA License: NA
Matrix: Finished Product	Test ID: T000278538	Started: 30Apr2024	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 23Apr2024	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.74	ND	
Cadmium	0.05 - 4.91	ND	
Mercury	0.05 - 4.77	ND	
Lead	0.01 - 0.79	ND	

Final Approval



Karen Winternheimer
30Apr2024
04:38:00 PM MDT

PREPARED BY / DATE



Colin Hendrickson
30Apr2024
05:08:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/4735d9d3-eba8-4bb9-8998-11581b988345>

Definitions

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Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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