

Prepared for:

**Astraèa & Co**

50 E. Ridgewood Ave, STE 303  
Ridgewood, NJ USA 07450

## Extra Strength CBN Gummy

Batch ID or Lot Number: <b>SLGVX-041122</b>	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 2
Reported: <b>13Apr2022</b>	Started: 12Apr2022	Received: 11Apr2022	


### Cannabinoids


Test ID: T000202338

Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.278	0.863	ND	ND	# of Servings = 1, Sample Weight=3.4g
Cannabichromenic Acid (CBCA)	0.254	0.789	ND	ND	
Cannabidiol (CBD)	0.789	2.214	ND	ND	
Cannabidiolic Acid (CBDA)	0.809	2.271	ND	ND	
Cannabidivarin (CBDV)	0.187	0.524	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.338	0.947	ND	ND	
Cannabigerol (CBG)	0.158	0.490	ND	ND	
Cannabigerolic Acid (CBGA)	0.660	2.048	ND	ND	
Cannabinol (CBN)	0.206	0.639	28.630	8.40	
Cannabinolic Acid (CBNA)	0.450	1.397	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.786	2.440	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.714	2.216	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.633	1.963	ND	ND	
Tetrahydrocannabivarin (THCV)	0.144	0.446	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.558	1.732	ND	ND	
<b>Total Cannabinoids</b>			<b>28.630</b>	<b>8.42</b>	
Total Potential THC			ND	ND	
Total Potential CBD			ND	ND	

### Final Approval

  
 Sam Smith  
 13Apr2022  
 02:23:00 PM MDT  
 PREPARED BY / DATE

  
 Ryan Weems  
 13Apr2022  
 02:27:00 PM MDT  
 APPROVED BY / DATE

Prepared for:  
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**Microbial Contaminants**

Test ID: T000202339

Methods: TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/g	NA	Absent	None Detected
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	None Detected
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

**Final Approval**


 Brett Hudson  
 14Apr2022  
 03:23:00 PM MDT



 Brianne Maillot  
 14Apr2022  
 04:25:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE


<https://results.botanacor.com/api/v1/coas/uuid/93394a9c-63bf-4eba-94d2-7dee8220536e>
**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: 10<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 100,000 CFU.

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. 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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