

# CERTIFICATE OF ANALYSIS

## Prepared for: LOST RANGE CBD

2835 DOWNHILL PLAZA, UNIT 602 STEAMBOAT SPRINGS, CO USA 80487

## **Mandarin Orange Gummies**

Batch ID or Lot Number:	Test:	Reported:	USDA License:	
MOGUM32723	<b>Potency</b>	03Apr2023	N/A	
Matrix:	Test ID:	Started:	Sampler ID:	
Unit	T000239843	30Mar2023	N/A	
	Method(s): TM14 (HPLC-DAD)	Received: 28Mar2023	Status: N/A	

Cannabinoids	LOD (mg)	<b>LOQ</b> (mg)	Result (mg)	<b>Result</b> (mg/g)	Notes
Cannabichromene (CBC)	0.408	1.262	ND	ND	# of Servings = 1,
Cannabichromenic Acid (CBCA)	0.373	1.154	ND	ND	Sample Weight=5g
Cannabidiol (CBD)	1.071	3.221	35.670	7.10	
Cannabidiolic Acid (CBDA)	1.098	3.303	ND	ND	
Cannabidivarin (CBDV)	0.253	0.762	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabidivarinic Acid (CBDVA)	0.458	1.378	ND	ND	
Cannabigerol (CBG)	0.232	0.716	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabigerolic Acid (CBGA)	0.969	2.995	ND	ND	
Cannabinol (CBN)	0.302	0.935	ND	ND	
Cannabinolic Acid (CBNA)	0.661	2.043	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	1.154	3.568	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	1.048	3.240	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.928	2.871	ND	ND	
Tetrahydrocannabivarin (THCV)	0.211	0.652	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.819	2.532	ND	ND	
Total Cannabinoids			35.670	7.10	
Total Potential THC			0.000	0.00	
Total Potential CBD			35.670	7.10	

## **Final Approval**

PREPARED BY / DATE

Karen Winternheimer 31Mar2023 08:08:00 AM MDT

æmantha -

Sam Smith 31Mar2023 08:11:00 AM MDT



APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/437067f1-7e17-4701-9304-f8253fa81da5

#### 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)).

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.



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# **Mandarin Orange Gummies**

Batch ID or Lot Number:	Test:		Reported:		USDA License:	
MOGUM32723		Microbial Contaminants			NA	
Matrix:	Test ID:	Test ID:			Sampler ID:	
Finished Product	T000239844		29Mar2023		NA	
	Method(s):		Received:		Status:	
	TM25 (PCR) TM2 (Culture Plating)		28Mar2023		NA	
Microbial			Quantitation			
Contaminants	Method	LOD	Range	Result	Notes	
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and	
Salmonella	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	— foreign matter	
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		
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**

Eden Thompson

Eden Thompson-Wright 01Apr2023 09:37:00 AM MDT

Branne Maillot

**Brianne Maillot** 02Apr2023



PREPARED BY / DATE

APPROVED BY / DATE

02:46:00 PM MDT

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:  $10^2 = 100 \text{ CFU}$ ,  $10^3 = 1,000 \text{ CFU}$ ,  $10^4 = 10,000 \text{ CFU}$ ,  $10^5 = 100,000 \text{ CFU}$ 

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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