SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
LOST RANGE CBD
2835 DOWNHILL PLAZA, UNIT 602
STEAMBOAT SPRINGS, CO USA 80487

Isolate Peppermint Tincture 2000mg

Batch ID or Lot Number:	Test:	Reported:	USDA License:
ISO_2K_30ML_PEP_010824	**Potency**	**23Jan2024**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Solution	T000268190	19Jan2024	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	18Jan2024	N/A

Cannabinoids

	LOD (mg/mL)	**LOQ** (mg/mL)	**Result** (mg/mL)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.061	0.170	ND	ND	Density = 0.942g/mL
Cannabichromenic Acid (CBCA)	0.056	0.155	ND	ND	
Cannabidiol (CBD)	0.164	0.448	69.600	73.90	
Cannabidiolic Acid (CBDA)	0.168	0.459	ND	ND	
Cannabidivarin (CBDV)	0.039	0.106	0.200	0.20	
Cannabidivarinic Acid (CBDVA)	0.070	0.192	ND	ND	
Cannabigerol (CBG)	0.034	0.096	ND	ND	
Cannabigerolic Acid (CBGA)	0.144	0.403	ND	ND	
Cannabinol (CBN)	0.045	0.126	ND	ND	
Cannabinolic Acid (CBNA)	0.098	0.275	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.172	0.480	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.156	0.436	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.138	0.386	ND	ND	
Tetrahydrocannabivarin (THCV)	0.031	0.088	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.122	0.341	ND	ND	
Total Cannabinoids			**69.800**	**74.10**	
Total Potential THC			ND	ND	
Total Potential CBD			69.600	73.90	

Final Approval

Karen Winternheimer
23Jan2024
11:30:00 AM MST
PREPARED BY / DATE

Sam Smith
23Jan2024
11:31:00 AM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/ec679a5e-5884-4690-a97b-014d21ccb26d

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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CERTIFICATE OF ANALYSIS

Prepared for:
LOST RANGE CBD
2835 DOWNHILL PLAZA, UNIT 602
STEAMBOAT SPRINGS, CO USA 80487

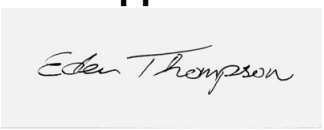
Isolate Peppermint Tincture 2000mg

Batch ID or Lot Number:	Test:	Reported:	USDA License:
ISO_2K_30ML_PEP_010824	**Microbial Contaminants**	**22Jan2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Finished Product	T000268191	19Jan2024	NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 18Jan2024	Status: NA

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
Salmonella	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



Eden Thompson-Wright
22Jan2024
03:46:00 PM MST

PREPARED BY / DATE

Brianne Maillot
22Jan2024
04:37:00 PM MST

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/8bb5f05b-4aa4-4efd-8c48-cf800dcedf81

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 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 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

Cert #4329.02
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