

CERTIFICATE OF ANALYSIS

Prepared for:

## **Punch Breath**

Batch ID or Lot Number:	Test: <b>Dry Weight Potency</b>	Reported: <b>12Sep2024</b>	USDA License: NA
Matrix:	Test ID:	Started:	Sampler ID:
Plant		11Sep2024	NA
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	10Sep2024	NA

		LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes	
Cannabinoids	LOD (%)					
Cannabichromene (CBC)	0.038	0.118	ND	ND	Dried Sample Moisture	
Cannabichromenic Acid (CBCA)	0.035	0.108	0.546	0.504 - 0.588	Content = 76.17% Measurement	
Cannabidiol (CBD)	0.110	0.282	ND	ND		
Cannabidiolic Acid (CBDA)	0.113	0.289	ND	ND	Uncertainty = 7.73%	
Cannabidivarin (CBDV)	0.026	0.067	ND	ND		
Cannabidivarinic Acid (CBDVA)	0.047	0.121	ND	ND		
Cannabigerol (CBG)	0.022	0.067	0.139	0.128 - 0.150		
Cannabigerolic Acid (CBGA)	0.091	0.281	1.369	1.263 - 1.475		
Cannabinol (CBN)	0.028	0.088	ND	ND		
Cannabinolic Acid (CBNA)	0.062	0.192	ND	ND		
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.108	0.335	ND	ND		
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.098	0.304	ND	ND		
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.087	0.269	29.682	27.388 - 31.976		
Tetrahydrocannabivarin (THCV)	0.020	0.061	ND	ND		
Tetrahydrocannabivarinic Acid (THCVA)	0.077	0.237	ND	ND		
Total Cannabinoids			31.736	29.251 - 34.221		
Total Potential THC			26.031	24.019 - 28.043		

## **Final Approval**

PREPARED BY / DATE

Samanthe mos

Sam Smith 12Sep2024 02:30:00 PM MDT

APPROVED BY / DATE

Karen Winternheimer 12Sep2024 02:32:00 PM MDT

Definitions

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. 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.

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.

