

## Certificate of Analysis

Arete

Sample: 01-06-2023-28754

Sample Received:01/06/2023;

Report Created: 02/23/2023; Expires: 01/09/2024

Hazy Train Plant, Flower - Cured





16.420%

**Total THC** 

0.132%

 $\Delta$ -9 THC

19.734%

**Total Cannabinoids** 

<LOQ%

**Total CBD** 

#### **Cannabinoids**

(Testing Method: HPLC, CON-P-3000) Date Tested: 01/06/2023

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0508	0.0761	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0508	0.0761	0.132	1.320	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0508	0.0761	18.573	185.726	
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0508	0.0761	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0508	0.0761	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0508	0.0761	0.100	0.995	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0508	0.0761	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0508	0.0761	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0508	0.0761	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0508	0.0761	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0508	0.0761	ND	ND	
Cannabidivarin (CBDV)	0.0508	0.0761	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0508	0.0761	ND	ND	
Cannabidiol (CBD)	0.0508	0.0761	ND	ND	
Cannabidiolic Acid (CBDA)	0.0325	0.0761	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabigerol (CBG)	0.0508	0.0761	0.082	0.822	
Cannabigerolic Acid (CBGA)	0.0508	0.0761	0.677	6.772	
Cannabinol (CBN)	0.0508	0.0761	ND	ND	
Cannabinolic Acid (CBNA)	0.0508	0.0761	ND	ND	
Cannabichromene (CBC)	0.0508	0.0761	ND	ND	
Cannabichromenic Acid (CBCA)	0.0508	0.0761	0.171	1.706	
Total			19.734	197.341	

Total THC = THCa \* 0.877 + Δ9-THC; Total CBD = CBDa \* 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty:  $\pm$  0.040% Total CBD Measurement of Uncertainty:  $\pm$  2.000% THCO potency analysis does not designate quantitative specificity of  $\Delta$ -8-THCO and  $\Delta$ -9-THCO isomers

Amended report issued to reflect change in sample identification.



New Bloom Labs 6121 Heritage Park Drive, A500 Chattanooga, TN 37416 (844) 837-8223 TN DEA#: RN0563975 ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Laboratory Director

Powered by reLIMS info@relims.com

All analyses were conducted at 6121 Heritage Park Dr, Suite A500 Chattanooga, TN 37416. Results published on this certificate relate only to the items tested. Items are tested as received. New Bloom Labs makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of New Bloom Labs.



# Certificate of Analysis

Arete Sample: 02-14-2023-30333

Sample Received:02/14/2023;

Report Created: 02/21/2023; Expires: 02/21/2024

Hazy Train Plant, Flower - Cured



### **Terpenes**

(Testing Method: HS-GC/MS, CON-P-4000)

Date Tested: 02/14/2023

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	290.677	0.291	
α-Humulene	0.750	3.000	576.568	0.577	
α-Pinene	0.750	3.000	582.715	0.583	
α-Terpinene	0.750	3.000	295.568	0.296	
1,8-Cineole	0.750	3.000	72.109	0.072	
β-Caryophyllene	0.750	3.000	2333.985	2.334	
β-Myrcene	0.750	3.000	6027.810	6.028	
Borneol	0.750	3.000	114.768	0.115	
Camphene	0.750	3.000	72.553	0.073	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	3.000	3.000	ND	ND	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	59.739	0.060	
y-Terpinene	0.750	3.000	243.932	0.244	
Limonene	0.750	3.000	1661.484	1.661	
Linalool	0.750	3.000	1297.548	1.298	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	ND	ND	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	7990.657	7.991	
Total			21620.115	21.620	2.162 9



### **Primary Aromas**











 $Total \ terpenes \ value \ is \ qualitative \ and \ includes \ concentrations \ outside \ the \ assay \ quantitative \ analytical \ range.$ 



New Bloom Labs 6121 Heritage Park Drive, A500 Chattanooga, TN 37416 (844) 837-8223 TN DEA#: RN0563975 ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Natalie Siracusa Laboratory Director

Powered by reLIMS info@relims.com

All analyses were conducted at 6121 Heritage Park Dr, Suite A500 Chattanooga, TN 37416. Results published on this certificate relate only to the items tested. Items are tested as received. New Bloom Labs makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of New Bloom Labs.