

Arete

Sample: 02-07-2023-29942

Sample Received: 02/07/2023;

Report Created: 02/23/2023; Expires: 02/08/2024

Agent Orange
Plant, Flower - Cured



18.138%

Total THC

0.274%

Δ-9 THC

22.426 %

Total Cannabinoids

<LOQ %

Total CBD

Cannabinoids

Complete

(Testing Method: HPLC, CON-P-3000)

Date Tested: 02/07/2023

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0521	0.0781	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0521	0.0781	0.274	2.740	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0521	0.0781	20.370	203.698	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0521	0.0781	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0521	0.0781	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0521	0.0781	0.128	1.281	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0521	0.0781	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0521	0.0781	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0521	0.0781	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0521	0.0781	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0521	0.0781	ND	ND	
Cannabidivarin (CBDV)	0.0521	0.0781	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0521	0.0781	ND	ND	
Cannabidiol (CBD)	0.0521	0.0781	ND	ND	
Cannabidiolic Acid (CBDA)	0.0292	0.0781	<LOQ	<LOQ	
Cannabigerol (CBG)	0.0521	0.0781	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.0521	0.0781	1.054	10.542	
Cannabinol (CBN)	0.0521	0.0781	ND	ND	
Cannabinolic Acid (CBNA)	0.0521	0.0781	ND	ND	
Cannabichromene (CBC)	0.0521	0.0781	ND	ND	
Cannabichromenic Acid (CBCA)	0.0521	0.0781	0.600	6.000	
Total			22.426	224.261	

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: ± 0.040%

Total CBD Measurement of Uncertainty: ± 2.000%

THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-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

Natalie Siracusa
Laboratory Director

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Arete

Sample: 02-16-2023-30414

Sample Received: 02/16/2023;

Agent Orange
Plant, Flower - Cured



Terpenes

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

Date Tested: 02/16/2023

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	88.935	0.089	
α-Humulene	0.750	3.000	2004.077	2.004	
α-Pinene	0.750	3.000	491.954	0.492	
α-Terpinene	0.750	3.000	<LOQ	<LOQ	
1,8-Cineole	0.750	3.000	31.853	0.032	
β-Caryophyllene	0.750	3.000	8526.153	8.526	
β-Myrcene	0.750	3.000	ND	ND	
Borneol	0.750	3.000	89.103	0.089	
Camphene	0.750	3.000	149.788	0.150	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	3.000	3.000	>3.000	>0.003	
Citral	0.750	3.000	<LOQ	<LOQ	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	47.755	0.048	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	3358.791	3.359	
Linalool	0.750	3.000	4616.481	4.616	
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	43.400	0.043	
Total			19670.990	19.671	1.967 %

Primary Aromas

Cinnamon



Lavender



Lime



Hops



Pine



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



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