

Akira Botanicals

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Marshall, NC 28753
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217-766-0921

Sample: 01-17-2023-29135

Sample Received: 01/17/2023;
Report Created: 01/19/2023; Expires: 01/18/2024

Blue Meringue Live Resin
Concentrate & Extracts



23.428%

Total THC

0.274%

Δ-9 THC

81.517%

Total Cannabinoids

45.768%

Total CBD

Cannabinoids

(Testing Method: HPLC, CON-P-3000)
Date Tested: 01/17/2023

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0885	0.1327	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0885	0.1327	0.274	2.744	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0885	0.1327	26.060	260.602	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0885	0.1327	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0885	0.1327	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0885	0.1327	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0885	0.1327	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0885	0.1327	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0885	0.1327	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0885	0.1327	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0885	0.1327	ND	ND	
Cannabidivarin (CBDV)	0.0885	0.1327	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0885	0.1327	0.246	2.460	
Cannabidiol (CBD)	0.0885	0.1327	1.864	18.637	
Cannabidiolic Acid (CBDa)	0.0885	0.1327	50.062	500.619	
Cannabigerol (CBG)	0.0885	0.1327	ND	ND	
Cannabigerolic Acid (CBGA)	0.0885	0.1327	0.888	8.885	
Cannabinol (CBN)	0.0885	0.1327	ND	ND	
Cannabinolic Acid (CBNA)	0.0885	0.1327	ND	ND	
Cannabichromene (CBC)	0.0885	0.1327	<LOQ	<LOQ	
Cannabichromenic Acid (CBCA)	0.0885	0.1327	1.823	18.230	
Total			81.517	815.168	

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



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AT-2868: ISO/IEC 17025:2017

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Laboratory Director

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Customer: Appalachian Extracts
Address: 329 Emma Rd.
Asheville, NC 28806
Sample ID: Blue Marang 112322
Matrix: Concentrates
Labnumber: 23A0011-01



Residual Solvents Profile

Test Conditions: 16°C

Extraction Technician: SH

Analytical Chemist: CB

Extraction Date(s)	Analysis Date(s)
1/4/2023	1/4/2023

Residual Solvents (GC/MS)	Results
	ug/g
Propane	<90.9
Isobutane	<90.9
Methanol	<90.9
Butane	<90.9
Isopropanol	98.1
Ethanol	<90.9
2-Methyl Butane	<90.9
Acetonitrile	<90.9
Acetone	<90.9
n-Pentane	<90.9
n-Hexane	<45.5
Tetrahydrofuran	<90.9
Benzene	<0.909
n-Heptane	<90.9
Toluene	<90.9
Ethylbenzene	<90.9
m+p Xylene	<90.9
o-Xylene	<90.9

Gary Brook - Laboratory Director - 1/5/2023

Reporting Limits will vary based on sample extraction weight used for the analysis.

The results of this report are based solely on the sample submitted and cannot be reproduced. Decision Rule: Measurement uncertainty is not accounted for in the reported values.

Results are based solely on calculated numbers. Altitude Consulting makes no Statements of conformity. **Pesticide, metal, and microbial analyses are subcontracted to ISO 17025 laboratories.**