ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17025
TESTING LABORATORY

Altitude Consulting

Customer: Appalachian Extracts

Address: 329 Emma Rd.
Asheville, NC 28806

Sample ID: Saphire Kush 112922

Matrix: Concentrates

Labnumber: 22L0072-01

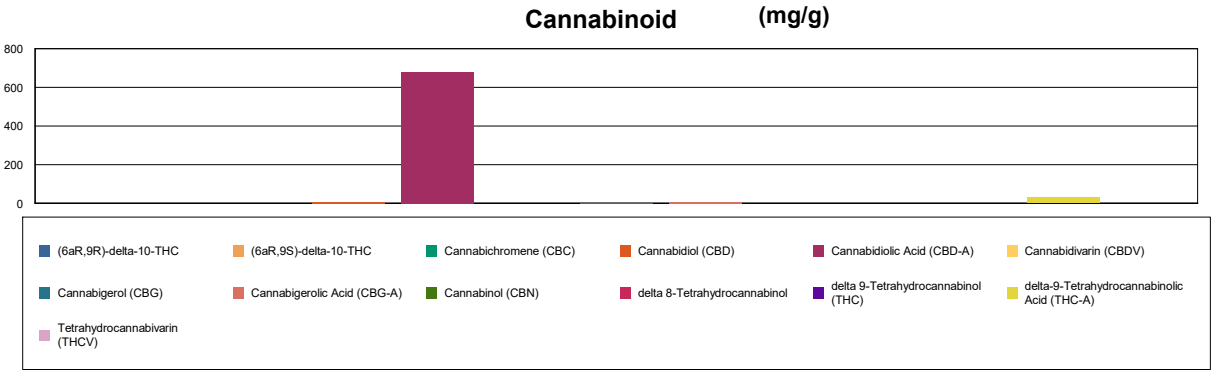
Cannabinoid Profile

Test Conditions: 15°C
Extraction Technician: SH
Analytical Chemist: SH

Extraction Date(s)	Analysis Date(s)
12/16/2022	12/16/2022

Cannabinoids (HPLC)		Results	
	LOD (mg/g)	%	mg/g
Cannabidivarin (CBDV)	<0.40		
Cannabidiolic Acid (CBD-A)		68.19	682
Cannabigerolic Acid (CBG-A)		0.80	8.00
Cannabigerol (CBG)		0.14	1.35
Cannabidiol (CBD)		0.80	8.01
Tetrahydrocannabivarin (THCV)	<0.40		
Cannabinol (CBN)	<0.40		
Cannabichromene (CBC)		0.05	0.501
delta 9-Tetrahydrocannabinol (THC)		0.11	1.13
delta-9-Tetrahydrocannabinolic Acid (THC-A)		2.98	29.8
delta 8-Tetrahydrocannabinol	<0.80		
(6aR,9S)-delta-10-THC	<0.80		
(6aR,9R)-delta-10-THC	<0.80		
Cannabinoids Total		**%**	**mg/g**
Max Active THC (delta-9-tetrahydrocannabinol)		2.72	27.23
Max Active CBD		60.60	606.01
Total Cannabinoids		73.10	731.00

Following USDA guidelines on uncertainty, Altitude Consulting's uncertainty is calculated to be +/- 3% for all cannabinoids using a coverage factor of 2 (95% confidence interval). Measurement uncertainty has not been factored into reported values.
Blank results indicate the compound was below the limit of detection.



Gary Brook - Laboratory Director - 12/19/2022

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.**

3262 S Platte River Drive, Englewood CO 80110 • Ph: 303.390.1662 • Email: contact@AltitudeConsultingllc.com

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Altitude Consulting

Customer: Appalachian Extracts

Address: 329 Emma Rd.
Asheville, NC 28806

Sample ID: Saphire Kush 112922

Matrix: Concentrates

Labnumber: 23A0011-03

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	<88.8
Isobutane	121
Methanol	<88.8
Butane	<88.8
Isopropanol	96.4
Ethanol	<88.8
2-Methyl Butane	<88.8
Acetonitrile	<88.8
Acetone	<88.8
n-Pentane	<88.8
n-Hexane	<44.4
Tetrahydrofuran	<88.8
Benzene	<0.888
n-Heptane	<88.8
Toluene	<88.8
Ethylbenzene	<88.8
m+p Xylene	<88.8
o-Xylene	<88.8

Gary Brook - Laboratory Director - 1/5/2023

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