



# Green Leaf Lab®

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License#: C8-0000078-LIC

## Quality Control Testing Official Report

**Distributor**

Akira Botanicals  
7271 Big Pine Rd, Marshall NC 28753

**Cultivator/Manufacturer**

Akira Botanicals R&D



**Alpine Kush**

Test RFID:

Lab Sample ID: S3L0227-02

Matrix: Inhalable Concentrate - weight

Date Sampled: 12/15/23

Source RFID: na

Source Batch ID: na

Batch Size: na

Harvest/Processing Date: 11/20/23

Sample Size: 1.25 g

Product Density: na

### Results at a Glance

Overall Batch : **PASS**

Cannabinoids : **PASS**

Eric Wendt  
Chief Science Officer - 12/19/2023



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Batch Size: na

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### Potency Analysis by HPLC

Date/Time Extracted: 12/16/23 10:58

Analysis Method/SOP: C-001

Date/Time Analyzed: 12/17/23 02:32

Cannabinoids	LOD mg/g	LOQ mg/g	%	mg/g
Total THC	24.18	25.18	8.775	87.751
Total CBD	0.81	0.84	60.634	606.34
THCA	24.18	25.18	10.006	100.06
delta 9-THC	24.18	25.18	ND	ND
delta 8-THC	0.81	0.84	ND	ND
THCV	0.81	0.84	ND	ND
THCVA	0.81	0.84	ND	ND
CBD	0.81	0.84	1.756	17.561
CBDA	0.81	0.84	44.571	445.71
CBDV	0.81	0.84	ND	ND
CBDVA	0.81	0.84	ND	ND
CBN	0.81	0.84	ND	ND
CBG	0.81	0.84	0.922	9.22
CBGA	0.81	0.84	ND	ND
CBC	0.81	0.84	1.904	19.04
Total Cannabinoids	0.81	0.84	73.466	734.66
Sum of Cannabinoids	0.81	0.84	75.718	757.18

Total THC = delta 9-THC + (THCA \* 0.877)

Total CBD = CBD + (CBDA \* 0.877)

Eric Wendt  
Chief Science Officer - 12/19/2023



**Customer:** Akira Botanicals  
**Address:** 329 Emma Rd  
Asheville, NC 28806  
**Sample ID:** Sapphire Kush + CBDV  
**Matrix:** Concentrates  
**Labnumber:** 23L0025-02

## Residual Solvents Profile

Test Conditions: 18°C  
Extraction Technician: SH  
Analytical Chemist: CB

Extraction Date(s)	Analysis Date(s)
12/5/2023	12/4/2023

Test Method: Residual Solvents by GC/MS	Results
	ug/g
Propane	<97.1
Isobutane	<97.1
Methanol	<97.1
Butane	143
Isopropanol	<97.1
Ethanol	<97.1
2-Methylbutane	<97.1
Acetonitrile	<97.1
Acetone	<97.1
n-Pentane	<97.1
n-Hexane	<48.5
Tetrahydrofuran	<97.1
Benzene	<0.971
n-Heptane	<97.1
Toluene	<97.1
Ethylbenzene	<97.1
m+p Xylene	<97.1
o-Xylene	<97.1
Methylene Chloride	<97.1

**Gary Brook - Laboratory Director - 12/5/2023**

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.