



California Ag Labs
430 C St
Marysville, CA 95901

(530) 599-9001
/www.calaglabs.com
Lic# C8-0000001-LIC

QA Testing

1 of 2

Alpine's Master Kush THCA Live Resin

Sample ID: 2312CRG2126.5128
Strain: Master Kush
Matrix: Concentrates & Extracts
Type: Vape
Sample Size: 1 units; Batch:

Produced:
Collected:
Received: 12/07/2023
Completed: 12/15/2023
Batch#:

Client
Alpine's Hemp Co
Lic. # USDA_37_0214
7 14th St SW
Hickory, NC 28602



Summary

Test	Date Tested	Result
Batch		Complete
Cannabinoids	12/14/2023	Complete
Terpenes	12/15/2023	Complete

Cannabinoids

Complete

65.257% 652.57 mg/g Total THC	ND ND Total CBD	65.380% 653.804 mg/g Total Cannabinoids	71.552% 715.519 mg/g Total Unconverted Cannabinoids
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Analyte	LOD	LOQ	Results	Results
	mg/g	mg/g	%	mg/g
THCa	0.0495	0.0744	50.176	501.76
Δ9-THC	0.0487	0.0744	ND	ND
Δ8-THC	0.0511	0.0744	21.253	212.53
THCV	0.0639	0.0744	0.123	1.23
CBDa	0.0598	0.0744	ND	ND
CBD	0.0367	0.0744	ND	ND
CBDV	0.0639	0.0744	ND	ND
CBN	0.0200	0.0744	ND	ND
CBGa	0.0613	0.0744	ND	ND
CBG	0.0428	0.0744	ND	ND
CBC	0.0610	0.0744	ND	ND
Total			71.552	715.52

Notes:
Method: HPLC SOP-420
Total THC means the sum of THC, delta 8 THC, and THCA. Total THC is calculated using the following equation: Total THC (mg/g) = [(delta 8-THCA concentration (mg/g) + delta 9-THCA concentration (mg/g)) x 0.877] + [delta 8-THC concentration (mg/g) + delta 9-THC concentration (mg/g)]
LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Measurement uncertainty is not taken into account when statements of conformity (Pass/fail) are made in this report. The decision rule, i.e. All statements of conformity, in this report are made according to the action limits set by CA-DCC (Pass-results within limits/specifications, Fail-results exceed limits/specifications) and can be found within California Code of Regulations Title 4 Division 19. Department of Cannabis Control

NT Not Tested Moisture Content	NT Not Tested Water Activity	Not Tested Foreign Matter
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Ronald Montez
Lab Director
12/15/2023

Seth Dixon, PhD
Chief Chemist
12/15/2023

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Samples obtained per method: SOP 439 Sampling, Methods: Foreign Matter Analysis Microscopy SOP-421; Moisture Content MOC63u SOP-422; Water Activity Rotronics Water Activity Probe SOP-428. This product has been tested by California Ag Labs using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730, pursuant to 4 CCR section 15726 (e)(13). Values reported relate only to the product tested. California Ag Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of California Ag Labs.



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Terpenes

Analyte	LOD	LOQ	Results	Results	
	mg/g	mg/g	mg/g	%	
α -Pinene	0.00	0.01	1.51	0.151	<div></div>
β -Caryophyllene	0.00	0.01	0.77	0.077	<div></div>
β -Pinene	0.00	0.01	0.44	0.044	<div></div>
Guaiol	0.00	0.01	0.15	0.015	<div></div>
Linalool	0.00	0.01	0.12	0.012	<div></div>
Caryophyllene Oxide	0.00	0.01	0.09	0.009	<div></div>
δ -Limonene	0.00	0.01	0.08	0.008	<div></div>
β -Myrcene	0.00	0.01	0.06	0.006	<div></div>
Camphene	0.00	0.01	0.04	0.004	<div></div>
3-Carene	0.00	0.01	ND	ND	
α -Bisabolol	0.00	0.01	ND	ND	
α -Humulene	0.00	0.01	ND	ND	
α -Terpinene	0.00	0.01	ND	ND	
Eucalyptol	0.00	0.01	ND	ND	
γ -Terpinene	0.00	0.01	ND	ND	
Geraniol	0.00	0.01	ND	ND	
Isopulegol	0.00	0.01	ND	ND	
Nerolidol	0.00	0.01	ND	ND	
Ocimene	0.00	0.01	ND	ND	
p-Cymene	0.00	0.01	ND	ND	
Terpinolene	0.00	0.01	ND	ND	
Total			3.26	0.326	

Primary Aromas



Pine



Cinnamon



Wood



Lavender



Lemon

Date Tested: 12/15/2023

Method: HS-GCMS SOP-427. LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.



ISO/IEC 17025:2017 ACCREDITED CRT# 6099.01

Ronald Montez
Lab Director
12/15/2023

Seth Dixon, PhD
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