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#### **Grow Sciences**

**Grow Sciences** Phoenix, AZ 85032 help@growsciences.com (480) 442-5621 Lic. #00000114ESQS66067289 Sample: 2502LVL0103.0527

Secondary License: ; Chain of Distribution:

Strain: Kush Mints; Batch Size: 1871 g; External Batch ID: C.KM250103CT.HYD

Sample Received: 02/05/2025; Report Created: 02/11/2025; Report Expiration: 02/11/2026 Sampling Date: 02/03/2025; Sampling Time: 1600; Sampling Person: MZ Harvest Date: 12/27/2024; Manufacturing Date: 01/03/2025; External Lot ID: Date of Pickup: 02/05/2025 Time Collected: 1229

### Kush Mints Cartridge

Concentrates & Extracts, Live Resin, Butane METHOD OF EXTRACTION: BUTANE





76.54%

Total THC

110.99 mg/g

Total Terpenes

(Q3)

ND

**Total CBD** 

Not Tested

Moisture (Q3)

82.92%

Total Cannabinoids (Q3)

Cannabinoids

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	2.13	29.12	291.2	
Δ9-ΤΗС	2.13	51.00	510.0	
Δ8-ΤΗС	2.13	<loq< td=""><td><loq< td=""><td>Q3</td></loq<></td></loq<>	<loq< td=""><td>Q3</td></loq<>	Q3
THCVa	2.13	ND	ND	Q3
THCV	2.13	ND	ND	Q3
CBDa	2.13	ND	ND	
CBD	2.13	ND	ND	M1
CBDVa	2.13	ND	ND	Q3
CBDV	2.13	ND	ND	Q3
CBN	2.13	ND	ND	Q3
CBGa	2.13	2.79	27.9	Q3
CBG	2.13	<loq< td=""><td><loq< td=""><td>Q3</td></loq<></td></loq<>	<loq< td=""><td>Q3</td></loq<>	Q3
CBCa	2.13	<loq< th=""><th><loq< th=""><th>Q3</th></loq<></th></loq<>	<loq< th=""><th>Q3</th></loq<>	Q3
CBC	2.13	ND	ND	Q3
Total		82.92	829.2	Q3

Qualifiers: Date Tested: 02/06/2025 12:00 am

Total THC = THCa \* 0.877 + d9-THC Total CBD = CBDa \* 0.877 + CBD

reported result is based on a sample weight with th<mark>e applicable moisture content for that</mark> sample; Unless otherwise stated all quality control samples performed within specifications established by the oratory. Cannabinoid potency performed by HPLC-DAD per SOP-(1608). ADHS approved method for potency by HPLC-DAD for all listed analytes.



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Matthew Schuberth Laboratory Director

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## Kush Mints Cartridge

Concentrates & Extracts, Live Resin, Butane METHOD OF EXTRACTION: BUTANE



### **Terpenes**

					- / \				
Analyte	LOQ	Result	ResultC	Qualifier	Analyte	LOQ	Result	ResultC	Qualifier
	mg/g	mg/g	%			mg/g	mg/g	%	
δ-Limonene	0.84	32.50	3.250	Q3	cis-Ocimene	0.12	ND	ND	Q3
Farnesene	0.07	31.97	3.197	Q3	Citronellol	4.21	ND	ND	Q3
β-Myrcene	0.42	14.43	1.443	Q3	Eucalyptol	0.42	ND	ND	Q3
β-Caryophyllene	0.84	13.35	1.335	Q3	Fenchone	0.84	ND	ND	Q3
Linalool	0.84	5.35	0.535	Q3	γ-Terpinene	0.42	ND	ND	Q3
α-Humulene	0.42	3.20	0.320	Q3	y-Terpineol	0.09	ND	ND	Q3
Fenchol	0.42	2.96	0.296	Q3	Geraniol	8.42	ND	ND	Q3
α-Pinene	0.42	2.12	0.212	Q3	Geranyl Acetate	0.42	ND	ND	Q3
α-Terpineol	0.69	1.95	0.195	Q3	Guaiol	0.42	ND	ND	Q3
β-Pinene	0.84	1.89	0.189	Q3	Isoborneol	4.21	ND	ND	Q3
α-Bisabolol	0.42	0.69	0.069	Q3	Isopulegol	0.42	ND	ND	Q3
Camphene	0.42	0.58	0.058	Q3	Menthol	0.42	ND	ND	Q3
3-Carene	0.84	ND	ND	Q3	Nerol	0.42	ND	ND	Q3
α-Cedrene	0.42	ND	ND	Q3	Pulegone	0.42	ND	ND	Q3
α-Phellandrene	0.42	ND	ND	Q3	p-Cymene	0.42	ND	ND	Q3
α-Terpinene	0.42	ND	ND	Q3	Sabinene	0.42	ND	ND	Q3
β-Eudesmol	0.42	<loq< td=""><td><loq< td=""><td>Q3</td><td>Sabinene Hydrate</td><td>0.42</td><td>ND</td><td>ND</td><td>Q3</td></loq<></td></loq<>	<loq< td=""><td>Q3</td><td>Sabinene Hydrate</td><td>0.42</td><td>ND</td><td>ND</td><td>Q3</td></loq<>	Q3	Sabinene Hydrate	0.42	ND	ND	Q3
Borneol	1.26	ND	ND	Q3	Terpinolene	0.84	<loq< td=""><td><loq< td=""><td>Q3</td></loq<></td></loq<>	<loq< td=""><td>Q3</td></loq<>	Q3
Camphor	1.68	ND	ND	Q3	trans-Nerolidol	0.42	ND	ND	Q3
Caryophyllene	0.40	NID	NID	00	trans-Ocimene	0.28	ND	ND	Q3
Oxide	0.42	ND	ND	Q3	Valencene	0.42	ND	ND	Q3
Cedrol	0.42	ND	ND	Q3					
cis-Nerolidol	0.84	ND	ND	Q3					

### **Primary Aromas**





Magnolia



Hops





Lavender

110.99 mg/g

**Total Terpenes** 

Qualifiers:

Date Tested: 02/06/2025 12:00 am

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. Qualifying code Q3: For informational purposes only.



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Matthew Schuberth **Laboratory Director** 

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### **Kush Mints Cartridge**

Concentrates & Extracts, Live Resin, Butane METHOD OF EXTRACTION: BUTANE



**Residual Solvents Pass** 

Analyte	LOQ	Limit	Result	Status	Qualifier
	PPM	PPM	PPM		
Acetone	350.680	1000.000	ND	Pass	M1
Acetonitrile	142.550	410.000	ND	Pass	M1
Benzene	0.700	2.000	ND	Pass	M1
Butanes	2333.200	5000.000	ND	Pass	
Chloroform	21.000	60.000	ND	Pass	M1
Dichloromethane	213.390	600.000	ND	Pass	M1
Ethanol	1739.900	5000.000	ND	Pass	M1
Ethyl-Acetate	1741.550	5000.000	ND	Pass	M1
Ethyl-Ether	1734.760	5000.000	ND	Pass	M1
Heptane	1737.280	5000.000	ND	Pass	M1
Hexanes	100.150	290.000	ND	Pass	M1
Isopropanol	1731.750	5000.000	ND	Pass	M1
Isopropyl-Acetate	1734.950	5000.000	ND	Pass	M1
Methanol	1038.250	3000.000	ND	Pass	M1
Pentanes	1746.210	5000.000	ND	Pass	M1
Toluene	312.470	890.000	ND	Pass	M1
Xylenes	748.660	2170.000	ND	Pass	M1



Qualifiers:

Date Tested: 02/06/2025 07:00 am

Performed by GCMS-HS per SOP-LM-014. Methods used per AZDHS R9-17-404.03 and solvent limits set by AZDHS R9-17 Table 3.1. ADHS approved method for residual solvents by GCMS-HS for all listed analytes.



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Concentrates & Extracts, Live Resin, Butane METHOD OF EXTRACTION: BUTANE



**Pass Pesticides** Analyte LOO Units Qualifier LOC Units Qualifier Status Analyte Limit Status PPM PPM PPM PPM PPM PPM Abamectin 0.030 0.500 ND Pass Hexythiazox 1.000 ND Pass Acephate 0.400 ND Pass Imazalil ND Pass Acetamiprid 0.200 ND Pass **Imidacloprid** 0.400 ND Pass M1 Aldicarb 0.400 ND Pass Kresoxim Methyl 0.400 ND Pass Azoxystrobin 0.200 ND Pass Malathion 0.200 ND Pass Bifenazate 0.050 0.200 ND Pass Metalaxyl ND Pass M1 Bifenthrin 0.200 ND Pass M2 Methiocarb 0.040 0.200 ND Pass Boscalid 0.400 ND Pass Methomyl 0.400 ND Pass Carbaryl 0.200 ND Pass Myclobutanil ND Pass Carbofuran 0.050 0.200 ND Pass Naled 0.500 ND Pass Chlorantraniliprole ND **Pass** Oxamyl ND **Pass** Chlorfenapyr 0.460 1.000 ND Pass R1 Paclobutrazol 0.400 ND Pass Pass Chlorpyrifos 0.200 ND Pass Permethrins ND Clofentezine 0.200 ND **Phosmet** 0.200 ND Pass **Pass** Cyfluthrin 0.460 1.000 ND Pass Piperonyl Butoxide 2.000 ND Pass Cypermethrin 1.000 ND **Pass** Prallethrin 0.200 ND Pass Daminozide 0.460 1.000 ND Pass Propiconazole 0.400 ND Pass Dichlorvos (DDVP) 0.100 ND Pass Propoxur ND Pass Diazinon 0.200 ND Pass **Pyrethrins** 0.460 1.000 ND Pass V1 M1 Dimethoate ND Pass Pyridaben ND Pass 0.200 Ethoprophos ND Pass Spinosad 0.200 ND Pass M1 Etofenprox 0.400 ND **Pass** Spiromesifen ND **Pass** Etoxazole 0.200 ND Pass Spirotetramat 0.200 ND M1 **Pass** Fenoxycarb 0.050 0.200 ND Pass Spiroxamine 0.400 ND Pass Fenpyroximate 0.400 ND **Pass** Tebuconazole 0.400 ND Pass Fipronil 0.400 ND Pass M1 Thiacloprid ND Pass Flonicamid 1.000 ND **Pass** Thiamethoxam 0.200 ND Pass Fludioxonil ND Pass M1 Trifloxystrobin ND Pass

Herbicides Analyte Units Limit Status

Date Tested: 02/06/2025 12:00 am
Performed by LCMSMS per SOP-LM-021 and SOP-LM-022. ND = Not Detected; NR = Not Reported. Methods used per AZDHS R9-17-404.03 and pesticide limits set by AZDHS R9-17 Table 3.1. ADHS approved method for pesticide testing by LCMSMS for full list effective 5/1/2021



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Mycotoxins **Pass** 

Total Ochratoxins Date Tested: 02/09/2025 Total Aflatoxins Date Tested: 02/09/2025

Analyte	LOQ	Limit	Result	Status	Qualifier
	µg/kg	µg/kg	μg/kg		_
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	ND	Pass	
Total Ochratoxins (A and B)	2.00	20.00	4.98	Pass	

TNTC = Too Numerous to Count. The lower limit of quantification for Aflatoxin is 4ppb and the lower limit of quantification for Ochratoxin is 2ppb unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: direct ELISA produced by Romer Labs and read on Bio-Tek 800TS microplate reader. Procedure followed SOP-LM-018. Methods used per AZDHS R9-17-404.03 and R9-17-404.04 and limits set by AZDHS R9-17 Table 3.1. ADHS approved method.

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Kush Mints Cartridge

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Microbials **Pass** 

Analyte	Result	Result Units	Status	Qualifier
E. Coli	<10	CFU/G	Pass	
Salmonella	Not <mark>D</mark> etected	in one gram	Pass	D1
Aspergillus terreus	Not <mark>D</mark> etected	in one gram	Pass	
Aspergillus fumigatus, Aspergillus flavus, and Aspergillus niger	Not Detected	in one gram	Pass	



Qualifiers:

Date Tested: 02/07/2025 12:00 am

TNTC = Too Numerous to Count. The lower limit of quantification for E. coli is 10 CFU/g unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: E. coli plating via 3M Petrifilm per SOP-LM-019, Salmonella spp. And Aspergillus spp. detection by Bio-Rad CFX96 Deep Well real-time PCR per SOP-LM-016 & SOP-LM-017. Methods used per AZDHS R9-17-404.04 and microbial limits set by AZDHS R9-17 Table 3.1. ADHS approved method for microbials for all listed organisms.



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**Heavy Metals Pass** 

Analyte	Result	LOQ	Limit	Status	Qualifier
	PPM	PPM	PPM		_
Arsenic	<0.103	0.103	0.400	Pass	
Cadmium	<0.103	0.103	0.400	Pass	
Lead	<0.103	0.103	1.000	Pass	
Mercury	ND	0.103	0.200	Pass	



Qualifiers:

Date Tested: 02/11/2025 12:00 am

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### Notes from Manufacturer

INPUT FLOWER: F.KM250115.A12.004, F.KM241227.A15.004 INPUT FLOWER HARVEST DATE: 1/15/2025, 12/27/2024





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