



High Mountain Health, LLC • 1250 S Plaza Wy Ste A Flagstaff AZ 86001 • AZDHS Lic #00000050DCBO00239922

Product & Strain: KAYA MysStix Cartridge, Blue Widow - Sativa

Batch ID: HMIX923CDA BW

Date of Harvest: 7/11/2023

Date of Manufacture (if applicable): 10/23/2023

Method of Extraction (if applicable): Ethanol

Distribution Chain - This marijuana or marijuana product was manufactured and distributed by High Mountain Health, LLC, AZDHS Registration Certificate ID Number: 00000050DCBO00239922. Our products are sold to High Mountain Cannabis Dispensary in Flagstaff and various other AZDHS licensed medical marijuana dispensaries and marijuana establishments in Arizona to then be dispensed to medical marijuana patients or sold to adult-use consumers. [Find Your KAYA](#)

All KAYA products produced by High Mountain Health, LLC are fully tested for your safety in compliance with guidelines for laboratory certification, product sampling, and testing requirements established by Senate Bill 1494.

Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

High Mountain Health, LLC
3850 E Huntington Dr
Flagstaff, AZ 86004
(928) 774-5467
Lic#: 00000050DCBO00239922

Sample: S310079-02
CC ID#: 2310C4L0063.3350
Lot#: N/A
Batch#: HMIX923CDA BW
Batch Size: 8

FINAL

Sample Name: HMIX923CDA BW T
Strain Name: Blue Widow
Matrix: Concentrates_Extracts
Amount Received: 15.2344 g

Sample Collected: 10/16/2023 14:00
Sample Received: 10/19/2023 10:30
Report Created: 10/23/2023 17:50

SAFETY



Microbials PASS	Residual Solvents NOT TESTED	Mycotoxins NOT TESTED	Pesticides NOT TESTED
Metals NOT TESTED			

Terpenes

Total Terpenes (Q3)

Cannabinoid Results

96.5% Sum of Cannabinoids (Q3)	93.3% Total THC	<LOQ Total CBD	RATIO 1 : 0 THC : CBD
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Total THC= THCA * 0.877 + d9-THC
Total CBD= CBDA * 0.877 + CBD

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Cannabinoids by HPLC-DAD - Compliance

Date Analyzed: 10/20/2023 Analyst Initials: DRF SOP: C4-SOP-CHEM-003

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCA	1.50	<LOQ	< LOQ	
d9-THC	1.50	93.3	933	
d8-THC	1.50	<LOQ	< LOQ	
CBDA	1.50	<LOQ	< LOQ	
CBD	1.50	<LOQ	< LOQ	M1
CBG	1.50	3.24	32.4	
CBN	1.50	<LOQ	< LOQ	
CBC	1.50	<LOQ	< LOQ	
Sum of Cannabinoids	1.50	96.5	965	Q3
Total THC	1.50	93.3	933	
Total CBD	1.50	<LOQ	< LOQ	
Total Cannabinoids	1.50	96.5	965	Q3

Total THC= THCA * 0.877 + d9-THC. Total CBD= CBDA * 0.877 + CBD.

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Microbials

Pass

E. coli by 3M Petrifilm- Compliance

Date Analyzed: 10/23/2023 Analyst Initials: KAM SOP: C4-SOP-MICRO-010

Analyte	LOQ	Limit	Result	Qualifier Status
	CFU/g	CFU/g	CFU/g	
<i>E. coli</i>	10	100	<10	Pass

Aspergillus and Salmonella by qPCR - Compliance

Date Analyzed: 10/23/2023 Analyst Initials: KAM SOP: C4-SOP-MICRO-013

Analyte	Result	Qualifier Status
	in one gram	
<i>Salmonella spp.</i>	Not Detected	Pass
<i>Aspergillus</i>	Not Detected	Pass

Aspergillus includes species flavus, fumigatus, niger, and terreus. Salmonella and Aspergillus by Medicinal Genomics.

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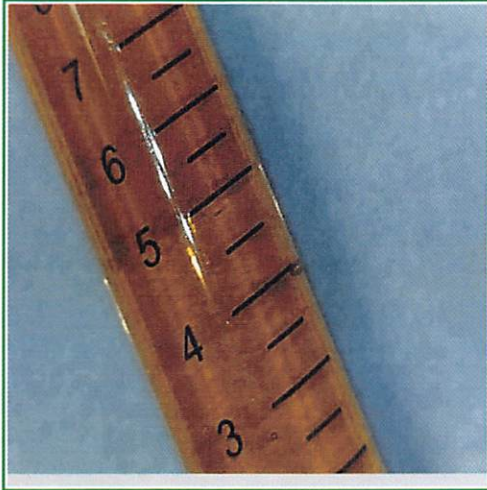
Sample: S310078-01
CC ID#: 2310C4L0062.3348
Lot#: N/A
Batch#: HMIX923CDA
Batch Size: 10

FINAL

Sample Name: HMIX923CDA T
Strain Name: Mixed Hybrid
Matrix: Concentrates_Extracts
Amount Received: 17.1743 g

Sample Collected: 10/16/2023 14:00
Sample Received: 10/19/2023 10:31
Report Created: 10/24/2023 19:38

SAFETY



Microbials PASS	Residual Solvents PASS	Mycotoxins PASS	Pesticides PASS
Metals PASS			

Terpenes

Total Terpenes (Q3)

Cannabinoid Results

101% Sum of Cannabinoids (Q3)	97.6% Total THC	<LOQ Total CBD	RATIO 1 : 0 THC : CBD
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Total THC= THCA * 0.877 + d9-THC
Total CBD= CBDA * 0.877 + CBD

Jillian Blaney

Jillian Blaney
Technical Laboratory Director

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Cannabinoids by HPLC-DAD - Compliance

Date Analyzed: 10/20/2023 Analyst Initials: DRF SOP: C4-SOP-CHEM-003

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCA	1.49	<LOQ	< LOQ	
d9-THC	1.49	97.6	976	
d8-THC	1.49	<LOQ	< LOQ	
CBDA	1.49	<LOQ	< LOQ	
CBD	1.49	<LOQ	< LOQ	M1
CBG	1.49	3.35	33.5	
CBN	1.49	<LOQ	< LOQ	
CBC	1.49	<LOQ	< LOQ	
Sum of Cannabinoids	1.49	101	1010	Q3
Total THC	1.49	97.6	976	
Total CBD	1.49	<LOQ	< LOQ	
Total Cannabinoids	1.49	101	1010	Q3

Total THC= THCA * 0.877 + d9-THC. Total CBD= CBDA * 0.877 + CBD.

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Pesticides by LC/MS/MS - Compliance

Pass

Date Analyzed: 10/23/2023 Analyst Initials: JCB SOP: C4-SOP-CHEM-006

Analyte	LOQ	Limit	Result	Qualifier	Status	Analyte	LOQ	Limit	Result	Qualifier	Status
	ppm	ppm	ppm				ppm	ppm	ppm		
Abamectin	0.120	0.5	<LOQ		Pass	Imazalil	0.100	0.2	<LOQ		Pass
Acephate	0.100	0.4	<LOQ		Pass	Imidacloprid	0.100	0.4	<LOQ		Pass
Acetamiprid	0.050	0.2	<LOQ		Pass	Kresoxim-methyl	0.100	0.4	<LOQ		Pass
Aldicarb	0.100	0.4	<LOQ		Pass	Malathion	0.050	0.2	<LOQ		Pass
Azoxystrobin	0.050	0.2	<LOQ		Pass	Metalaxyl	0.100	0.2	<LOQ		Pass
Bifenazate	0.050	0.2	<LOQ		Pass	Methiocarb	0.050	0.2	<LOQ		Pass
Bifenthrin	0.050	0.2	<LOQ		Pass	Methomyl	0.100	0.4	<LOQ		Pass
Boscalid	0.100	0.4	<LOQ	V1	Pass	Myclobutanil	0.050	0.2	<LOQ		Pass
Carbaryl	0.050	0.2	<LOQ	V1	Pass	Naled	0.125	0.5	<LOQ	V1	Pass
Carbofuran	0.050	0.2	<LOQ		Pass	Oxamyl	0.251	1.0	<LOQ		Pass
Chlorantraniliprole	0.050	0.2	<LOQ	I1	Pass	Paclobutrazol	0.100	0.4	<LOQ		Pass
Chlorfenapyr	0.501	1.0	<LOQ	V1	Pass	Permethrins	0.050	0.2	<LOQ		Pass
Chlorpyrifos	0.050	0.2	<LOQ		Pass	Phosmet	0.050	0.2	<LOQ		Pass
Clofentezine	0.050	0.2	<LOQ		Pass	Piperonyl butoxide	0.501	2.0	<LOQ		Pass
Cyfluthrin	0.501	1.0	<LOQ	I1	Pass	Prallethrin	0.100	0.2	<LOQ		Pass
Cypermethrin	0.251	1.0	<LOQ		Pass	Propiconazole	0.100	0.4	<LOQ		Pass
Daminozide	0.501	1.0	<LOQ		Pass	Propoxur	0.050	0.2	<LOQ		Pass
Diazinon	0.050	0.2	<LOQ		Pass	Pyrethrins	0.323	1.0	<LOQ		Pass
Dichlorvos	0.050	0.1	<LOQ		Pass	Pyridaben	0.050	0.2	<LOQ		Pass
Dimethoate	0.050	0.2	<LOQ		Pass	Spinosad	0.050	0.2	<LOQ	I1	Pass
Ethoprophos	0.050	0.2	<LOQ	V1	Pass	Spiromesifen	0.050	0.2	<LOQ		Pass
Etofenprox	0.100	0.4	<LOQ		Pass	Spirotetramat	0.050	0.2	<LOQ		Pass
Etoazole	0.050	0.2	<LOQ		Pass	Spiroxamine	0.100	0.4	<LOQ		Pass
Fenoxycarb	0.050	0.2	<LOQ		Pass	Tebuconazole	0.100	0.4	<LOQ		Pass
Fenpyroximate	0.100	0.4	<LOQ		Pass	Thiacloprid	0.050	0.2	<LOQ		Pass
Fipronil	0.100	0.4	<LOQ	V1	Pass	Thiamethoxam	0.050	0.2	<LOQ		Pass
Flonicamid	0.251	1.0	<LOQ	V1	Pass	Trifloxystrobin	0.050	0.2	<LOQ		Pass
Fludioxonil	0.100	0.4	<LOQ	V1	Pass						
Hexythiazox	0.251	1.0	<LOQ		Pass						

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Metals by ICP-MS - Compliance

Pass

Date Analyzed: 10/23/2023 Analyst Initials: RSS SOP: C4-SOP-CHEM-008

Analyte	LOQ	Limit	Result	Qualifier	Status
	ppm	ppm	ppm		
Arsenic	0.098	0.4	<LOQ		Pass
Cadmium	0.098	0.4	<LOQ		Pass
Lead	0.393	1.0	<LOQ		Pass
Mercury	0.393	1.2	<LOQ		Pass

Mycotoxins by ELISA- Compliance

Pass

Date Analyzed: 10/24/2023 Analyst Initials: DHV SOP: C4-SOP-MICRO-014

Analyte	LOQ	Limit	Result	Qualifier	Status
	ppb	ppb	ppb		
Aflatoxins Total	2.00	20	<LOQ		Pass
Ochratoxin A	4.00	20	<LOQ		Pass

Total Aflatoxins includes Aflatoxins B 1, B2, G1, and G2.

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Microbials

Pass

E. coli by 3M Petrifilm- Compliance

Date Analyzed: 10/23/2023 Analyst Initials: KAM SOP: C4-SOP-MICRO-010

Analyte	LOQ	Limit	Result	Qualifier Status
	CFU/g	CFU/g	CFU/g	
<i>E. coli</i>	10	100	<10	Pass

Aspergillus and Salmonella by qPCR - Compliance

Date Analyzed: 10/23/2023 Analyst Initials: KAM SOP: C4-SOP-MICRO-013

Analyte	Result	Qualifier Status
	in one gram	
<i>Salmonella spp.</i>	Not Detected	Pass
<i>Aspergillus</i>	Not Detected	Pass

Aspergillus includes species flavus, fumigatus, niger, and terreus. Salmonella and Aspergillus by Medicinal Genomics.

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Residual Solvents by Headspace GC/MS - Compliance

Pass

Date Analyzed: 10/19/2023 Analyst Initials: JCB SOP: C4-SOP-CHEM-005

Analyte	LOQ	Limit	Result	Qualifier	Status	Analyte	LOQ	Limit	Result	Qualifier	Status
	ppm	ppm		ppm			ppm	ppm		ppm	
Acetone	120	1000	<LOQ		Pass	2,2-Dimethylbutane	38.5		<LOQ		
Acetonitrile	48.1	410	<LOQ		Pass	2-methylpentane/2,3-dimethylbutane	76.9		<LOQ		
Benzene	0.962	2	<LOQ		Pass	2-Propanol (IPA)	601	5000	<LOQ		Pass
Butanes	601	5000	<LOQ		Pass	Isopropyl acetate	601	5000	<LOQ		Pass
n-Butane	601		<LOQ			Methanol	361	3000	<LOQ		Pass
iso-Butane	601		<LOQ			Pentanes	601	5000	<LOQ		Pass
Chloroform	14.4	60	<LOQ		Pass	n-Pentane	601		<LOQ	L1	
Dichloromethane	72.1	600	<LOQ		Pass	iso-pentane	601		<LOQ		
Ethanol	601	5000	<LOQ		Pass	neo-Pentane	601		<LOQ	L1	
Ethyl acetate	601	5000	<LOQ		Pass	Toluene	111	890	<LOQ		Pass
Diethyl Ether	601	5000	<LOQ		Pass	Xylenes	264	2170	<LOQ		Pass
n-Heptane	601	5000	<LOQ	V1	Pass	m/p-Xylene	529		<LOQ		
Hexanes	38.5	290	<LOQ		Pass	o-Xylene	264		<LOQ		
n-Hexane	38.5		<LOQ			Ethyl benzene	264		<LOQ		
3-Methylpentane	38.5		<LOQ								

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Notes and Definitions

Item	Definition
I1	Interference. Relative intensity of a characteristic ion in the sample analyte exceeded 30% of the relative intensity in the reference spectrum.
L1	The percent recovery of the LCS was above the control limit for the test but analyte was not detected above the Action Limit in Table 3.1.
M1	Matrix Spike recovery was higher than control limit but recovery of the LCS was within control limits.
Q3	Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317. Testing result is not accredited under ISO 17025.
V1	CCV recovery exceeded control limits but the sample analyte concentration was below maximum allowable concentrations in table 3.1
< LOQ	Results below the Limit of Quantification.
Limit	Maximum allowable concentration as defined by Table 3.1 in Arizona Administrative code (A.A.C.) Title 9, Chapter 17
CFU/g	Colony forming units per gram
ppm	Parts per million
ppb	Parts per billion
NT	Not Tested
Sum of Cannabinoids = THCA + d9-THC + CBDA + CBD + d8-THC + CBG + CBN + CBC	
Total Cannabinoids = Total THC + Total CBD + d8-THC + CBG + CBN + CBC	