

Sample Result: PASS

Date Reported:	6/4/2026	Sample ID:	20260424-HVCN-001
Client Name:	Hudson Valley Canna	Sample Name:	Static Room - Zamerello Sift - 1g
Sampling Location:	White Sulphur Springs, New York	Sample Matrix:	Concentrate
Contact Name:	James Ustun	Sample Sub Type:	Static Sift
Contact Email:	jamesustun@yahoo.com	Batch Lot ID:	SRZA1G26
License Number:	OCM-PROC-24-000077	Batch Size:	1200
Medical/Adult Use:	Adult Use	Serving Size (g):	1
Sampling Date:	04/24/2026 10:00:00 AM	METRC Source ID:	1A41203000020D5000000067
METRC Test Tag ID:	1A41203000020D5000000102		

Potency	T	Pesticides	P	Heavy Metals	P	Mycotoxins	P
Water Activity	P	Microbiological	P	Residual Solvents	P	Terpenes	P
		Moisture	P	Filth & Foreign Material	NT		

"NT" = Not Tested; "T" = Tested; "P" = Pass; "F" = Fail

Cannabinoids: Static Room - Zamerello Sift - 1g (20260424-HVCN-001)

Potency analysis utilizing HPLC (SOP-025-NY, SOP-073-NY)

Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.344
CBDA	< MRL	< MRL	0.344
CBGA	2.366	23.663	0.344
CBG	< MRL	< MRL	0.344
CBD	< MRL	< MRL	0.344
THCV	< MRL	< MRL	0.344
CBN	< MRL	< MRL	0.344
D9-THC	4.221	42.213	0.344
D8-THC	< MRL	< MRL	0.344
D10-THC-S	< MRL	< MRL	0.344
D10-THC-R	< MRL	< MRL	0.344
CBC	< MRL	< MRL	0.344
THCA	66.950	669.500	0.344

MRL = Minimum reporting limit/limit of quantification
mg/serving = % w/w x10 x serving size weight (g)

Test ID: #240735 | Date Tested: 04/28/2026 10:39 AM

Potency Summary	% w/w	mg/serving
Total THC [$\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877)]	62.936	629.365
Total CBD [CBD + (CBDA * 0.877)]	< MRL	< MRL
Total Cannabinoids	73.538	735.377

Version 2: Updated with moisture and water activity testing added -
6/4/2026 KAR

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Terpenes: Static Room - Zamerello Sift - 1g (20260424-HVCN-001)			PASS
Terpenes analysis utilizing GC-MS (SOP-063-NY, SOP-069-NY)			
Analyte	Result (% w/w)	MRL (% w/w)	
alpha-Pinene	< MRL	0.12	
Camphene	< MRL	0.12	
Sabinene	< MRL	0.12	
beta-Pinene	0.15	0.12	
beta-Myrcene	< MRL	0.12	
Alpha-phellandrene	< MRL	0.12	
Carene	< MRL	0.12	
alpha-terpinene	< MRL	0.12	
p-Cymene	< MRL	0.12	
Limonene	0.58	0.12	
Eucalyptol	< MRL	0.12	
Ocimene	< MRL	0.09	
gamma-Terpinene	< MRL	0.12	
Sabinene Hydrate	< MRL	0.12	
Terpinolene	< MRL	0.12	
Linalool	0.37	0.12	
Fenchol	0.12	0.12	
Menthol	< MRL	0.12	
Terpineol	0.13	0.12	
Citronellol	< MRL	0.12	
Isopulegol	< MRL	0.12	
Geraniol	< MRL	0.12	
Alpha-cedrene	< MRL	0.09	
Beta-Caryophyllene	1.68	0.12	
Farnesene	0.39	0.12	
alpha-Humulene	0.51	0.12	
Valencene	< MRL	0.12	
cis-Nerolidol	< MRL	0.05	
trans-Nerolidol	< MRL	0.07	
Caryophyllene oxide	< MRL	0.12	
Guaiaol	< MRL	0.12	
alpha-Bisabolol	< MRL	0.12	
MRL = Minimum reporting limit/limit of quantification			Test ID: #240739 Date Tested: 05/01/2026 08:44 AM

Terpenes Summary	Result	Limit	Pass/Fail
Total Terpenes (% w/w)	3.92	10	PASS

Version 2: Updated with moisture and water activity testing added -
6/4/2026 KAR



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Residual Solvents: Static Room - Zamerello Sift - 1g (20260424-HVCN-001) **PASS**

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (SOP-067-NY, SOP-010-NY)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
1,2-Dichloroethane	PASS	< MRL	5.00	3.500
2-Propanol	PASS	< MRL	5000	500.000
Acetone	PASS	< MRL	5000	2000.000
Acetonitrile	PASS	< MRL	410	40.000
Butanes, total	PASS	< MRL	5000	2500.000
Benzene	PASS	< MRL	2.00	0.650
Chloroform	PASS	< MRL	60.0	6.000
Dichloromethane	PASS	< MRL	600	60.000
Dimethyl Sulfoxide	PASS	< MRL	5000	1000.000
Ethanol	PASS	< MRL	5000	500.000
Ethyl acetate	PASS	< MRL	5000	500.000
Ethyl ether	PASS	< MRL	5000	500.000
n-Heptane	PASS	< MRL	5000	500.000
Hexanes, total	PASS	< MRL	290	30.000
Methanol	PASS	< MRL	3000	300.000
Pentanes, total	PASS	< MRL	5000	500.000
Propane	PASS	< MRL	5000	500.000
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	400.000
Toluene	PASS	< MRL	890	100.000
Trichloroethane	PASS	< MRL	1500	1000.000
Xylenes, total	PASS	< MRL	2170	250.000

MRL = Minimum reporting limit/limit of quantification

Test ID: #240738 | Date Tested: 04/27/2026 09:57 PM

Version 2: Updated with moisture and water activity testing added -
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Pesticides: Static Room - Zamerello Sift - 1g (20260424-HVCN-001)

PASS

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (SOP-062-NY, SOP-070-NY)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Abamectin	PASS	< MRL	0.500	0.100
Acephate	PASS	< MRL	0.400	0.100
Acequinocyl	PASS	< MRL	2.00	0.100
Acetamiprid	PASS	< MRL	0.200	0.100
Aldicarb	PASS	< MRL	0.400	0.100
Azadirachtin	PASS	< MRL	1.00	0.250
Azoxystrobin	PASS	< MRL	0.200	0.100
Bifenazate	PASS	< MRL	0.200	0.100
Bifenthrin	PASS	< MRL	0.200	0.100
Boscalid	PASS	< MRL	0.400	0.100
Captan	PASS	< MRL	1.00	0.500
Carbaryl	PASS	< MRL	0.200	0.100
Carbofuran	PASS	< MRL	0.200	0.100
Chlorantranilprole	PASS	< MRL	0.200	0.100
Chlordane	PASS	< MRL	1.00	0.100
Chlorfenapyr	PASS	< MRL	1.00	0.100
Chloromequat chloride	PASS	< MRL	1.00	0.100
Chlorpyrifos	PASS	< MRL	0.200	0.100
Clofentezine	PASS	< MRL	0.200	0.100
Coumaphos	PASS	< MRL	1.00	0.100
Cyfluthrin	PASS	< MRL	1.00	0.100
Cypermethrin	PASS	< MRL	1.00	0.100
Daminozide	PASS	< MRL	1.00	0.100
Diazinon	PASS	< MRL	0.200	0.100
Dichlorvos	PASS	< MRL	1.00	0.100
Dimethoate	PASS	< MRL	0.200	0.100
Dimethomorph	PASS	< MRL	1.00	0.100
Ethoprophos	PASS	< MRL	0.200	0.100
Etofenprox	PASS	< MRL	0.400	0.100
Etoxazole	PASS	< MRL	0.200	0.100
Fenhexamid	PASS	< MRL	1.00	0.100
Fenoxycarb	PASS	< MRL	0.200	0.100
Fenpyroximate	PASS	< MRL	0.400	0.100
Fipronil	PASS	< MRL	0.400	0.100
Flonicamid	PASS	< MRL	1.00	0.100
Fludioxonil	PASS	< MRL	0.400	0.100
Hexythiazox	PASS	< MRL	1.00	0.100
Imazalil	PASS	< MRL	0.200	0.100
Imidacloprid	PASS	< MRL	0.400	0.100
Indole-3-butyric acid	PASS	< MRL	1.00	0.250
Kresoxim-methyl	PASS	< MRL	0.400	0.100
Malathion	PASS	< MRL	0.200	0.100
Metalaxyl	PASS	< MRL	0.200	0.100
Methiocarb	PASS	< MRL	0.200	0.100
Methomyl	PASS	< MRL	0.400	0.100
Methyl Parathion	PASS	< MRL	0.200	0.100
Mevinphos	PASS	< MRL	1.00	0.100
MGK-264 I/II	PASS	< MRL	0.200	0.100
Myclobutanil	PASS	< MRL	0.200	0.100
Naled	PASS	< MRL	0.500	0.100
Oxamyl	PASS	< MRL	1.00	0.100
Paclobutrazol	PASS	< MRL	0.400	0.100
Pentachloronitrobenzene	PASS	< MRL	1.00	0.100
Permethrins, total	PASS	< MRL	0.200	0.100
Phosmet	PASS	< MRL	0.200	0.100
Piperonyl butoxide	PASS	< MRL	2.00	0.100
Prallethrin	PASS	< MRL	0.200	0.100
Propiconazole	PASS	< MRL	0.400	0.100
Propoxur	PASS	< MRL	0.200	0.100
Pyrethrins	PASS	< MRL	1.00	0.100
Pyridaben	PASS	< MRL	0.200	0.100
Spinetoram, Total	PASS	< MRL	1.00	0.100
Spinosad, Total	PASS	< MRL	0.200	0.100
Spiromesifen	PASS	< MRL	0.200	0.100
Spirotetramat	PASS	< MRL	0.200	0.100
Spiroxamine	PASS	< MRL	0.200	0.100
Tebuconazole	PASS	< MRL	0.400	0.100
Thiacloprid	PASS	< MRL	0.200	0.100
Thiamethoxam	PASS	< MRL	0.200	0.100
Trifloxystrobin	PASS	< MRL	0.200	0.100

MRL = Minimum reporting limit/limit of quantification

Test ID: #240733 | Date Tested: 04/29/2026 11:14 AM

Version 2: Updated with moisture and water activity testing added -
6/4/2026 KAR



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Mycotoxins: Static Room - Zamerello Sift - 1g (20260424-HVCN-001)				PASS
Mycotoxin analysis utilizing Liquid Chromatography - Mass Spectrometry (SOP-062-NY, SOP-070-NY)				
Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Ochratoxin	PASS	< MRL	0.020	0.010
Total Aflatoxins	PASS	< MRL	0.020	0.010
MRL = Minimum reporting limit/limit of quantification			Test ID: #240734 Date Tested: 04/29/2026 11:16 AM	

Heavy Metals: Static Room - Zamerello Sift - 1g (20260424-HVCN-001)				PASS
Heavy Metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (SOP-061-NY, SOP-072-NY)				
Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Chromium	PASS	< MRL	110	8.00
Nickel	PASS	1.880	2.00	1.00
Copper	PASS	< MRL	30.0	8.00
Arsenic	PASS	< MRL	0.200	0.10
Cadmium	PASS	< MRL	0.200	0.10
Antimony	PASS	< MRL	2.00	1.00
Mercury	PASS	< MRL	0.100	0.05
Lead	PASS	< MRL	0.500	0.20
MRL = Minimum reporting limit/limit of quantification			Test ID: #240732 Date Tested: 04/28/2026 07:43 AM	

Microbiology - Plating: Static Room - Zamerello Sift - 1g (20260424-HVCN-001)				PASS
Microbial analysis utilizing microbial enumeration (SOP-700-NY)				
Analyte	Pass/Fail	Results (CFU/g)	Limit (CFU/g)	MRL (CFU/g)
Total Aerobic Bacteria	PASS	8739	None	100
Total Yeast & Mold	PASS	100	None	100
Microbiology - qPCR:				
Microbial analysis utilizing quantitative Polymerase Chain Reaction (SOP-701-NY)				
Analyte	Pass/Fail	Results (CFU/g)	Limit (CFU/g)	MRL (CFU/g)
Salmonella spp	PASS	Absent	Absent	1
Shiga toxin-producing E. coli	PASS	Absent	Absent	1
Aspergillus (fumigatus, flavus, niger, terreus)	PASS	Absent	Absent	1
MRL = Minimum reporting limit/limit of quantification			Test IDs: #240741, #240740, #240743, #240742 Date Tested: 05/02/2026 10:44 AM, 04/29/2026 02:06 PM, 05/04/2026 03:58 PM	

Moisture: Static Room - Zamerello Sift - 1g (20260424-HVCN-001)				PASS
Moisture content analysis utilizing Moisture Balance (MB; SOP-055-GA)				
Analyte	Pass/Fail	Result (%)	Limit (%)	
Moisture	PASS	ND	15.0	
MRL = Minimum reporting limit/limit of quantification			Test ID: #256062 Date Tested: 05/25/2026 07:50 AM	

Version 2: Updated with moisture and water activity testing added -
6/4/2026 KAR



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Water Activity: Static Room - Zamerello Sift - 1g (20260424-HVCN-001)			PASS
Water activity analysis utilizing a chilled mirror dew point sensor (SOP-059-GA)			
Analyte	Pass/Fail	Result (a_w)	Limit (a_w)
Water Activity	PASS	0.41	0.85
MRL = Minimum reporting limit/limit of quantification		Test ID: #256061 Date Tested: 05/25/2026 07:45 AM	



Matthew Elmes
Lab Director
6/4/2026

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