



# CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing

Report Date: Apr 04, 2025

Overall Result



PASS

Alchemy Pure

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## Dry Sift 1g Hash Cube

Hash



### SAMPLE INFORMATION

**Sample ID:** CTNY-250328-007  
**Sample Name:** Dry Sift 1g Hash Cube  
**Matrix:** Concentrated Cannabis  
**Product:** Hash  
**Batch No.:** APDSTWH224  
**Batch Size:** 536 Units  
**Sample Size:** 8 Units  
**Cultivar(s):** Trainwreck  
**Date Collected:** Mar 28, 2025  
**Time Collected:** 12:05:41  
**Date Received:** Mar 28, 2025  
**Category:** Concentrated\_cannabis  
**Compliance Type:** Adult Use  
**Received By:** Logan Emerson Alvarez

### CULTIVATOR

**Alchemy Pure**  
**License:** OCM-PROC-24-000013  
**Address:** 2775 W Church St  
Pine Plains, NY 12567

### MANUFACTURER

**Alchemy Pure**  
**License:** OCM-PROC-24-000013  
**Address:** 2775 W Church St  
Pine Plains, NY 12567

### DISTRIBUTOR

**Alchemy Pure**  
**License:** OCM-PROC-24-000013  
**Address:** 2775 W Church St  
Pine Plains, NY 12567

### CONTACT

**Hannah Karcheski**  
**Address:** 2775 W Church St  
Pine Plains, NY 12567

### Cannabinoids

**TOTAL  
CANNABINOIDS**

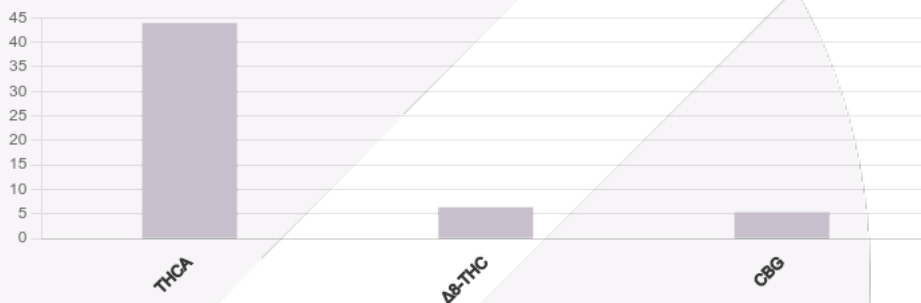
50.3%

**TOTAL  
THC**

44.9%

**TOTAL  
CBD**

< LOQ



### Terpenes

**TOTAL  
TERPENES**

1.29%

### TOP 5 TERPENES

β-Caryophyllene	0.32%	Spicy	
Terpinolene	0.29%	Pine	
α-Humulene	0.1%	Hops	
α-Bisabolol	0.09%	Floral	
d-Limonene	0.08%	Citrus	

### PROFILE

Cannabinoids	Heavy Metals	Microbials	Mycotoxins
TESTED	PASS	PASS	PASS
Pesticides	Residual Solvents	Terpenes	
PASS	PASS	PASS	



**Certified Testing and Data**  
150 Broadway STE 194  
Menands, NY 12204  
certifiedtnd.com  
License: OCM-CPL-2022-00009  
Contact: Larry Clement  
ph: 5189005515  
email: info@certifiedtnd.com

Larry Clement  
Quality Assurance Officer  
Apr 04, 2025

Logan Alvarez  
Lead Technical Director  
Apr 04, 2025



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### Cannabinoids

Testing Method: CTND-NY-SOP-P-002, CTND-NY-SOP-P-001: Cannabinoids by HPLC

TESTED

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
9R- $\Delta^9$ -THC	70	0.566	< LOQ	< LOQ		
9S- $\Delta^9$ -THC	70	0.566	< LOQ	< LOQ		
CBC	70	0.566	< LOQ	< LOQ		
CBD	70	0.566	< LOQ	< LOQ		
CBDA	70	0.566	< LOQ	< LOQ		
CBDV	70	0.566	< LOQ	< LOQ		
CBG	70	0.566	5.36	53.6		
Total THC			44.9	449		
Total CBD			< LOQ	< LOQ		

Prepared By: 38fef6  
Analysis Date: Apr 03, 2025 17:00:00 EDT

Analyzed By: 38fef6  
Prep Weight: 0.1855 Grams

Reviewed By: 38fef6  
Lab Batch #: NP250044

### Heavy Metals

Testing Method: CTND-NY-SOP-M-002, CTND-NY-SOP-M-001: Heavy Metals by ICP-MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	$\mu\text{g/g}$	$\mu\text{g/g}$	$\mu\text{g/g}$	
Antimony	2	0.079	2	< LOQ	Pass
Arsenic	2	0.079	0.2	< LOQ	Pass
Cadmium	2	0.079	0.2	< LOQ	Pass
Chromium	2	0.394	110	2.752	Pass

Prepared By: tvckqh  
Analysis Date: Apr 04, 2025 08:22:00 EDT

Analyzed By: tvckqh  
Prep Weight: 0.507 Grams

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	$\mu\text{g/g}$	$\mu\text{g/g}$	$\mu\text{g/g}$	
Copper	2	0.394	30	5.572	Pass
Lead	2	0.079	0.5	0.155	Pass
Mercury	2	0.079	0.1	< LOQ	Pass
Nickel	2	0.394	5	0.477	Pass

Reviewed By: tvckqh  
Lab Batch #: NM250020



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### Microbials

PASS

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo		
Aerobic Bacteria	CFU/g 100		CFU/g < LOQ	N/A	Prepared By: k4gdmc Analysis Date: Apr 02, 2025 15:00:00 EDT	Reviewed By: k4gdmc Lab Batch #: NB250028	Analyzed By: k4gdmc
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Total Yeast & Mold by Biomerieux Tempo		
Yeast & Mold	CFU/g 100		CFU/g < LOQ	N/A	Prepared By: k4gdmc Analysis Date: Apr 04, 2025 14:30:00 EDT	Reviewed By: k4gdmc Lab Batch #: NB250028	Analyzed By: k4gdmc
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Aspergillus by Biomerieux Gene-Up		
Aspergillus flavus	CFU/g 1.00	Absent in any amt	CFU/g Absent	Pass	Prepared By: k4gdmc Analysis Date: Apr 03, 2025 18:00:00 EDT	Reviewed By: k4gdmc Lab Batch #: NB250028	Analyzed By: k4gdmc
Aspergillus fumigatus	1.00	Absent in any amt	Absent	Pass			
Aspergillus niger	1.00	Absent in any amt	Absent	Pass			
Aspergillus terreus	1.00	Absent in any amt	Absent	Pass			
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Salmonella by Biomerieux Gene-Up		
Salmonella spp.	CFU/g 1.00	Absent in any amt	CFU/g Absent	Pass	Prepared By: k4gdmc Analysis Date: Apr 03, 2025 18:00:00 EDT	Reviewed By: k4gdmc Lab Batch #: NB250028	Analyzed By: k4gdmc
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Shiga Toxin-producing E. Coli by Biomerieux Gene-Up		
Shiga toxin-producing E. coli	CFU/g 1.00	Absent in any amt	CFU/g Absent	Pass	Prepared By: k4gdmc Analysis Date: Apr 03, 2025 18:00:00 EDT	Reviewed By: k4gdmc Lab Batch #: NB250028	Analyzed By: k4gdmc

### Mycotoxins

Testing Method: CTND-NY-SOP-PM-002, CTND-NY-SOP-PM-001: Mycotoxins by LC-MS/MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status	Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g			1:n	µg/g	µg/g	µg/g	
Aflatoxin B1	1	0.00963		< LOQ	N/A	Aflatoxin G2	1	0.00963		< LOQ	N/A
Aflatoxin B2	1	0.00963		< LOQ	N/A	Ochratoxin A	1	0.00963	0.02	< LOQ	Pass
Aflatoxin G1	1	0.00963		< LOQ	N/A	Aflatoxins			0.02	< LOQ	Pass
Aflatoxins			0.02	< LOQ	Pass						
Prepared By: k4gdmc			Analyzed By: k4gdmc			Reviewed By: k4gdmc					
Analysis Date: Apr 03, 2025 17:30:00 EDT			Prep Weight: 1.0383 Grams			Lab Batch #: NPM250026					



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## Pesticides

Testing Method: CTND-NY-SOP-PM-002: Pesticides by LC-MS/MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm	
Abamectin	1	0.0963	0.5	< LOQ	Pass
Acephate	1	0.0963	0.4	< LOQ	Pass
Acequinocyl	1	0.0963	2	< LOQ	Pass
Acetamiprid	1	0.0963	0.2	< LOQ	Pass
Aldicarb	1	0.0963	0.4	< LOQ	Pass
Azadirachtin	1	0.0963	1	< LOQ	Pass
Azoxystrobin	1	0.0963	0.2	< LOQ	Pass
Bifenazate	1	0.0963	0.2	< LOQ	Pass
Bifenthrin	1	0.0963	0.2	< LOQ	Pass
Boscalid	1	0.0963	0.4	< LOQ	Pass
Captan	1	0.0963	1	< LOQ	Pass
Carbaryl	1	0.0963	0.2	< LOQ	Pass
Carbofuran	1	0.0963	0.2	< LOQ	Pass
Chlorantraniliprole	1	0.0963	0.2	< LOQ	Pass
Chlordane	1	0.385	1	< LOQ	Pass
Chlorfenapyr	1	0.0963	1	< LOQ	Pass
Chlormequat chloride	1	0.0963	1	< LOQ	Pass
Chlorpyrifos	1	0.0963	0.2	< LOQ	Pass
Clofentezine	1	0.0963	0.2	< LOQ	Pass
Coumaphos	1	0.0963	1	< LOQ	Pass
Cyfluthrin	1	0.0963	1	< LOQ	Pass
Cypermethrin	1	0.0963	1	< LOQ	Pass
Daminozide	1	0.0963	1	< LOQ	Pass
Diazinon	1	0.0963	0.2	< LOQ	Pass
Dichlorvos	1	0.0963	1	< LOQ	Pass
Dimethoate	1	0.0963	0.2	< LOQ	Pass
Dimethomorph	1	0.0963	1	< LOQ	Pass
Ethoprophos	1	0.0963	0.2	< LOQ	Pass
Etofenprox	1	0.0963	0.4	< LOQ	Pass
Etoazole	1	0.0963	0.2	< LOQ	Pass
Fenhexamid	1	0.0963	1	< LOQ	Pass
Fenoxycarb	1	0.0963	0.2	< LOQ	Pass
Fenpyroximate	1	0.0963	0.4	< LOQ	Pass
Fipronil	1	0.0963	0.4	< LOQ	Pass
Flonicamid	1	0.0963	1	< LOQ	Pass
Fludioxonil	1	0.0963	0.4	< LOQ	Pass
Hexythiazox	1	0.0963	1	< LOQ	Pass
Imazalil	1	0.0963	0.2	< LOQ	Pass
Imidacloprid	1	0.0963	0.4	< LOQ	Pass
Indole-3-butyric acid	1	0.0963	1	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm	
Kresoxim-methyl	1	0.0963	0.4	< LOQ	Pass
Malathion	1	0.0963	0.2	< LOQ	Pass
Metalaxyl	1	0.0963	0.2	< LOQ	Pass
Methiocarb	1	0.0963	0.2	< LOQ	Pass
Methomyl	1	0.0963	0.4	< LOQ	Pass
Methyl parathion	1	0.0963	0.2	< LOQ	Pass
Mevinphos	1	0.0963	1	< LOQ	Pass
MGK-264			0.2	< LOQ	Pass
MGK-264 I	1	0.0317		< LOQ	N/A
MGK-264 II	1	0.0622		< LOQ	N/A
Myclobutanil	1	0.0963	0.2	< LOQ	Pass
Naled	1	0.0963	0.5	< LOQ	Pass
Oxamyl	1	0.0963	1	< LOQ	Pass
Paclobutrazol	1	0.0963	0.4	< LOQ	Pass
Pentachloronitrobenzene	1	0.0963	1	< LOQ	Pass
Permethrin			0.2	< LOQ	Pass
Permethrin cis	1	0.0443		< LOQ	N/A
Permethrin trans	1	0.0520		< LOQ	N/A
Phosmet	1	0.0963	0.2	< LOQ	Pass
Piperonylbutoxide	1	0.0963	2	< LOQ	Pass
Prallethrin	1	0.0963	0.2	< LOQ	Pass
Propiconazole	1	0.0963	0.4	< LOQ	Pass
Propoxur	1	0.0963	0.2	< LOQ	Pass
Pyrethrins			1	< LOQ	Pass
Pyrethrins Cinerin I	1	0.00520		< LOQ	N/A
Pyrethrins Jasmolin I	1	0.00364		< LOQ	N/A
Pyrethrins Pyrethrin I	1	0.0512		< LOQ	N/A
Pyridaben	1	0.0963	0.2	< LOQ	Pass
Spinetoram	1	0.0963	1	< LOQ	Pass
Spinosad			0.2	< LOQ	Pass
Spinosad A	1	0.0776		< LOQ	N/A
Spinosad D	1	0.0168		< LOQ	N/A
Spiromesifen	1	0.0963	0.2	< LOQ	Pass
Spirotetramat	1	0.0963	0.2	< LOQ	Pass
Spiroxamine	1	0.0963	0.2	< LOQ	Pass
Tebuconazole	1	0.0963	0.4	< LOQ	Pass
Thiacloprid	1	0.0963	0.2	< LOQ	Pass
Thiamethoxam	1	0.0963	0.2	< LOQ	Pass
Trifloxystrobin	1	0.0963	0.2	< LOQ	Pass

Prepared By: k4gdmc  
Analysis Date: Apr 03, 2025 17:30:00 EDT

Analyzed By: k4gdmc  
Prep Weight: 1.0383 Grams

Reviewed By: k4gdmc  
Lab Batch #: NPM250026



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150 Broadway STE 194  
Menands, NY 12204  
certifiedtnd.com  
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Contact: Larry Clement  
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Report Date: Apr 04, 2025

Sample ID: CTNY-250328-007

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## Residual Solvents

Testing Method: CTND-NY-SOP-R-002, CTND-NY-SOP-R-001: Residual Solvents by GC-MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status	Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm			1:n	ppm	ppm	ppm	
1,1,1,2-Tetrafluoroethane	1	194.000	1000	< LOQ	Pass	Dimethyl sulfoxide	1	1550.000	5000	< LOQ	Pass
1,1,1-Trichloroethane	1	77.500	1500	< LOQ	Pass	Ethanol	1	77.500	5000	< LOQ	Pass
1,2-Dichloroethane	1	7.750	5	< LOQ	Pass	Ethyl acetate	1	77.500	5000	< LOQ	Pass
2,2-Dimethylbutane	1	15.500		< LOQ	N/A	Ethyl ether	1	77.500	5000	< LOQ	Pass
2,3-Dimethylbutane	1	15.500		< LOQ	N/A	Heptane	1	77.500	5000	< LOQ	Pass
2-Methylbutane	1	25.900		< LOQ	N/A	Hexane	1	15.500		< LOQ	N/A
2-Methylpentane	1	15.500		< LOQ	N/A	Hexanes			290	< LOQ	Pass
2-Methylpropane	1	38.800		< LOQ	N/A	Methanol	1	77.500	3000	< LOQ	Pass
2-Propanol	1	77.500	5000	< LOQ	Pass	Neopentane	1	25.900		< LOQ	N/A
3-Methylpentane	1	15.500		< LOQ	N/A	o-Xylene	1	19.400		< LOQ	N/A
Acetone	1	77.500	5000	< LOQ	Pass	p- and m-Xylene	1	38.800		< LOQ	N/A
Acetonitrile	1	77.500	410	< LOQ	Pass	Pentane	1	25.900		< LOQ	N/A
Benzene	1	0.775	2	< LOQ	Pass	Pentanes			5000	< LOQ	Pass
Butane	1	38.800		< LOQ	N/A	Propane	1	77.500	5000	< LOQ	Pass
Butanes			5000	< LOQ	Pass	Toluene	1	77.500	890	< LOQ	Pass
Chloroform	1	0.775	60	< LOQ	Pass	Total xylenes			2170	< LOQ	Pass
Dichloromethane	1	77.500	600	< LOQ	Pass	Trichloroethylene	1	77.500		< LOQ	N/A

Prepared By: tvckqh  
Analysis Date: Apr 03, 2025 11:17:00 EDT

Analyzed By: tvckqh  
Prep Weight: 0.129 Grams

Reviewed By: tvckqh  
Lab Batch #: NR250019

## Terpenes

Testing Method: CTND-NY-SOP-T-002, CTND-NY-SOP-T-001: Terpenes by GC-MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Results	Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%	%	%	mg/g		1:n	%	%	%	mg/g
α-Bisabolol	1	0.0199		0.0851	0.8510	Fenchol	1	0.0199		0.0383	0.3830
α-Humulene	1	0.0199		0.0953	0.9530	γ-Terpinene	1	0.0199		< LOQ	< LOQ
α-Phellandrene	1	0.0199		< LOQ	< LOQ	Geraniol	1	0.0199		< LOQ	< LOQ
α-Pinene	1	0.0199		0.0314	0.3140	Guaiol	1	0.0199		< LOQ	< LOQ
α-Terpinene	1	0.0199		< LOQ	< LOQ	Isopulegol	1	0.0199		< LOQ	< LOQ
β-Caryophyllene	1	0.0199		0.3243	3.2430	Linalool	1	0.0199		0.0229	0.2290
β-Myrcene	1	0.0199		0.0775	0.7750	p-Cymene	1	0.0199		< LOQ	< LOQ
β-Pinene	1	0.0199		0.0572	0.5720	Terpineol	1	0.0199		0.0717	0.7170
Camphene	1	0.0199		< LOQ	< LOQ	Terpinolene	1	0.0199		0.2858	2.8580
Caryophyllene Oxide	1	0.0199		0.0629	0.6290	trans-β-Farnesene	1	0.0199		< LOQ	< LOQ
cis-β-Ocimene	1	0.0056		0.0065	0.0650	trans-β-Ocimene	1	0.0134		0.0193	0.1930
d-Limonene	1	0.0199		0.0814	0.8140	trans-Nerolidol	1	0.0199		0.0332	0.3320
Δ <sup>3</sup> -Carene	1	0.0199		< LOQ	< LOQ	Valencene	1	0.0199		< LOQ	< LOQ
Eucalyptol	1	0.0199		< LOQ	< LOQ						

Total Terpenes 11.5 1.2928 12.9280

Prepared By: tvckqh  
Analysis Date: Apr 03, 2025 09:55:00 EDT

Analyzed By: tvckqh  
Prep Weight: 0.1003 Grams

Reviewed By: tvckqh  
Lab Batch #: NT250031

Regulatory Compliance Testing



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