



Trichome Analytical  
6000 Commerce Parkway Suite I  
Mount Laurel, NJ 08054

## CERTIFICATE OF ANALYSIS

REGULATORY COMPLIANCE TESTING

(856) 316-0600

<http://www.trichomeanalytical.com>

1 of 6

### Higher Education 1G THCH Vape - Sour Jack

Speedy Distribution / Higher Education  
Lic. #: 2026-R-2179168  
2342 Thomas St  
Hollywood, FL 33020  
Manufacturer: Arvida Labs LLC  
Fort Lauderdale, FL 33309

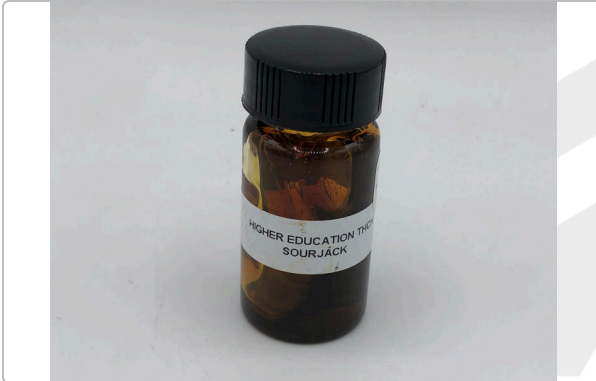
Sample Size: 1 units  
Batch/Lot: #SSAL-JLY-002-25

Received: 08/01/2025  
Completed: 01/23/2026  
Sampled by: Client

Sample ID: 250801TRI007.004  
Sample Description: Higher Education 1G  
THCH Vape - Sour Jack

Matrix: Concentrates & Extracts

Hemp Lic.: 2026-R-2174867; FL Food Entity: 406287. Facility meets sanitization requirements as documented by the regulatory entity.  
Rev. 2. 01/23/2026 Added additional manufacturer information per client request. Rev. 1. 11/03/2025 Added synthetic cannabinoids



### Summary

#### Test

Cannabinoids  
Residual Solvents  
Microbials  
Mycotoxins  
Pesticides  
Heavy Metals  
Foreign Matter

#### Result

Complete  
Pass  
Pass  
Pass  
Pass  
Pass  
Pass



### Cannabinoids

Complete

ND	ND	3.051%	55.43%
ND	ND	30.51 mg/g	554.3 mg/g
Total THC	Total CBD	Total CBG	Total Cannabinoids

Analyte	LOD	LOQ	Result	Result	Analyte	LOD	LOQ	Result	Result
	%	%	%	mg/g		%	%	%	mg/g
(6aR,9R)-d10-THC*	1.382	0.4147	ND	ND	CBL	0.02614	0.08714	ND	ND
9R-HHC*	0.6911	2.073	30.52	305.2	CBN	0.02614	0.08714	0.2311	2.311
(6aR,9S)-d10-THC*	1.382	0.4147	ND	ND	CBT*	0.6911	2.073	ND	ND
9S-HHC*	0.6911	2.073	9.545	95.45	$\Delta$ 8-THC	0.02614	0.08714	0.9078	9.078
CBC	0.02614	0.08714	ND	ND	$\Delta$ 8-THCP*	0.6911	2.073	ND	ND
CBCa	0.05077	0.1692	ND	ND	$\Delta$ 9-THC	0.02614	0.08714	ND	ND
CBD	0.02614	0.08714	ND	ND	$\Delta$ 9-THC Acetate*	0.6911	2.073	ND	ND
CBDa	0.02614	0.08714	ND	ND	$\Delta$ 9-THCH*	0.6911	2.073	10.57	105.7
CBDV	0.02614	0.08714	ND	ND	$\Delta$ 9-THCP*	0.6911	2.073	ND	ND
CBDVa	0.02614	0.08714	ND	ND	Exo-THC*	1.382	0.4147	ND	ND
CBG	0.02614	0.08714	3.051	30.51	THCa	0.02614	0.08714	ND	ND
CBG Diacetate*	0.6911	2.073	ND	ND	THCV	0.02614	0.08714	0.4314	4.314
CBGa	0.02614	0.08714	ND	ND	THCVa	0.02614	0.08714	0.1696	1.696

Date Analyzed: 11/03/2025

SOP.102, AOAC 2018.11 (Modified); UHPLC-PDA. SOP.406; LC-MS/MS. Total THC = THCa \* 0.877 +  $\Delta$ 9-THC; Total CBD = CBDa \* 0.877 + CBD; Total CBG = CBGa \* 0.878 + CBG. \*Analytes reported are outside of the laboratory's ISO 17025 accreditation.



ISO/IEC 17025:2017 A2LA  
CERT# 5913.01 // DEA#  
RT0581098 // NJ HEMP#  
34\_00077

Kristen Goedde  
Quality Manager

Tom Barkley  
Laboratory Director

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### Microbials

Pass

Analyte	LOD	Limit	Result	Status
	CFU/g	CFU/g	CFU/g	
Total Yeast & Mold Count	10	100000	<10	Pass
Total Aerobic Bacteria Count	10		<10	Tested
Total Enterobacteriaceae (BTGN) Count	10		<10	Tested
Shiga-toxin producing Escherichia coli (STEC)	1	Detected in 1g	Not Detected	Pass
Salmonella spp.	1	Detected in 1g	Not Detected	Pass
Aspergillus spp. (A. fumigatus, A. flavus, A. niger, A. terreus)	1	Detected in 1g	Not Detected	Pass

Date Analyzed: 08/05/2025

Pathogens: SOP.606, SOP.607; qPCR. Quality Indicators: SOP.605; MPN.

### Mycotoxins

Pass

Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Aflatoxin B1	0.00150	0.00499		ND	Tested
Aflatoxin B2	0.00150	0.00499		ND	Tested
Aflatoxin G1	0.00150	0.00499		ND	Tested
Aflatoxin G2	0.00150	0.00499		ND	Tested
Total Aflatoxins			0.02	ND	Pass
Ochratoxin A	0.00599	0.0200	0.02	ND	Pass

Date Analyzed: 08/05/2025  
SOP.402; LC-MS/MS.

### Foreign Matter

Pass

Date Analyzed: 08/06/2025

SOP.706; Microscopy. Screened for: mold, combustion by-products, cinders, sand, soil, dirt, hair, insect parts, rodent feces, and other foreign material. Pass/fail criteria determined by the laboratory based on the limit of detection of the method, which is as follows: 1% by weight, 10% visual area estimation, 1 foreign material particulate such as insect parts, hair, etc. per 3 grams of material.



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### Solvents

Pass

Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
1,1- Dichloroethene	0.0305	0.0914	8	ND	Pass
1,2-Dichloroethane	0.122	0.366	2	ND	Pass
Acetone	12.2	36.6	750	ND	Pass
Acetonitrile	12.2	36.6	60	ND	Pass
Benzene	0.0305	0.0914	1	ND	Pass
Butane	12.2	36.6	5000	ND	Pass
Chloroform	0.0305	0.0914	2	ND	Pass
Ethanol	12.2	36.6	5000	<LOQ	Pass
Ethyl acetate	12.2	36.6	400	ND	Pass
Ethyl ether	12.2	36.6	500	ND	Pass
Ethylene oxide	0.122	0.366	5	ND	Pass
Heptane	12.2	36.6	5000	ND	Pass
n-Hexane	6.09	18.3	250	ND	Pass
Isopropyl alcohol	12.2	36.6	500	<LOQ	Pass
Methanol	24.4	73.1	250	ND	Pass
Methylene chloride	0.0609	0.183	125	8.28	Pass
Pentane	3.05	9.14	750	ND	Pass
Propane	6.09	18.3	5000	ND	Pass
Toluene	6.09	18.3	150	ND	Pass
Trichloroethylene	0.0305	0.0914	25	ND	Pass
Xylenes	6.09	18.3	150	ND	Pass

Date Analyzed: 08/04/2025  
SOP.204; HS-GC-MS.



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### Pesticides

Pass

Analyte	LOD	LOQ	Limit	Result	Status	Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.0187	0.0624	0.1	ND	Pass	Fludioxonil	0.0187	0.0624	0.1	ND	Pass
Acephate	0.0187	0.0624	0.1	ND	Pass	Hexythiazox	0.0187	0.0624	0.1	ND	Pass
Acequinocyl	0.0187	0.0624	0.1	ND	Pass	Imazalil	0.0187	0.0624	0.1	ND	Pass
Acetamiprid	0.0187	0.0624	0.1	ND	Pass	Imidacloprid	0.0187	0.0624	0.4	ND	Pass
Aldicarb	0.0187	0.0624	0.1	ND	Pass	Kresoxim Methyl	0.0187	0.0624	0.1	ND	Pass
Azoxystrobin	0.0187	0.0624	0.1	ND	Pass	Malathion	0.0187	0.0624	0.2	ND	Pass
Bifenazate	0.0187	0.0624	0.1	ND	Pass	Metalaxyl	0.0187	0.0624	0.1	ND	Pass
Bifenthrin	0.0187	0.0624	0.1	ND	Pass	Methiocarb	0.0187	0.0624	0.1	ND	Pass
Boscalid	0.0187	0.0624	0.1	ND	Pass	Methomyl	0.0187	0.0624	0.1	ND	Pass
Captan	0.150	0.499	0.7	ND	Pass	Mevinphos	0.0187	0.0624	0.1	ND	Pass
Carbaryl	0.0187	0.0624	0.5	ND	Pass	MGK-264	0.0374	0.125		ND	Tested
Carbofuran	0.0187	0.0624	0.1	ND	Pass	Myclobutanil	0.0187	0.0624	0.001	ND	Pass
Chlorantraniliprole	0.0187	0.0624	1	ND	Pass	Naled	0.0187	0.0624	0.25	ND	Pass
Chlordane	0.0187	0.0624	0.1	ND	Pass	Oxamyl	0.0187	0.0624	0.5	ND	Pass
Chlorfenapyr	0.0187	0.0624	0.1	ND	Pass	Paclobutrazol	0.0187	0.0624	0.1	ND	Pass
Chlormequat chloride	0.0187	0.0624	1	ND	Pass	Parathion Methyl	0.0187	0.0624	0.1	ND	Pass
Chlorpyrifos	0.0187	0.0624	0.1	ND	Pass	Pentachloronitrobenzene	0.0187	0.0624	0.15	ND	Pass
Clofentezine	0.0187	0.0624	0.2	ND	Pass	Permethrins	0.0187	0.0624	0.1	ND	Pass
Coumaphos	0.0187	0.0624	0.1	ND	Pass	Phosmet	0.0187	0.0624	0.1	ND	Pass
Cyfluthrin	0.0187	0.0624	0.5	ND	Pass	Piperonyl Butoxide	0.0187	0.0624	3	ND	Pass
Cypermethrin	0.0374	0.125	0.5	ND	Pass	Prallethrin	0.0749	0.0624	0.1	ND	Pass
Daminozide	0.0187	0.0624	0.1	ND	Pass	Propiconazole	0.0187	0.0624	0.1	ND	Pass
Diazinon	0.0187	0.0624	0.1	ND	Pass	Propoxur	0.0187	0.0624	0.1	ND	Pass
Dichlorvos	0.0187	0.0624	0.1	ND	Pass	Pyrethrins	0.0749	0.250	0.5	ND	Pass
Dimethoate	0.0187	0.0624	0.1	ND	Pass	Pyridaben	0.0187	0.0624	0.2	ND	Pass
Dimethomorph	0.0187	0.0624	0.2	ND	Pass	Spinetoram	0.0187	0.0624	0.2	ND	Pass
Ethoprophos	0.0187	0.0624	0.1	ND	Pass	Spinosad	0.0187	0.0624	0.1	ND	Pass
Etofenprox	0.0187	0.0624	0.1	ND	Pass	Spiromesifen	0.0187	0.0624	0.1	ND	Pass
Etoxazole	0.0187	0.0624	0.1	ND	Pass	Spirotetramat	0.0187	0.0624	0.1	ND	Pass
Fenhexamid	0.0187	0.0624	0.1	ND	Pass	Spiroxamine	0.0187	0.0624	0.1	ND	Pass
Fenoxycarb	0.0187	0.0624	0.1	ND	Pass	Tebuconazole	0.0187	0.0624	0.1	ND	Pass
Fenpyroximate	0.0187	0.0624	0.1	ND	Pass	Thiacloprid	0.0187	0.0624	0.1	ND	Pass
Fipronil	0.0187	0.0624	0.1	ND	Pass	Thiamethoxam	0.0187	0.0624	0.5	ND	Pass
Flonicamid	0.0187	0.0624	0.1	ND	Pass	Trifloxystrobin	0.0187	0.0624	0.1	ND	Pass

Date Tested: 08/06/2025  
SOP.402; LC-MS/MS & SOP.302; GC-MS



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## Elemental

Pass

### Heavy Metals

Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.00651	0.0482	0.2	ND	Pass
Cadmium	0.000512	0.0241	0.2	ND	Pass
Lead	0.00609	0.0241	0.5	ND	Pass
Mercury	0.00276	0.00722	0.2	ND	Pass
Chromium	0.0259	0.0722		0.555	Tested
Nickel	0.0266	0.0722		0.297	Tested
Antimony	0.00805	0.0241		ND	Tested
Selenium	0.0126	0.0963		ND	Tested

### Nutrients

Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Copper	0.103	0.489		ND	Tested
Iron	1.67	5.00		<LOQ	Tested
Manganese	0.0155	0.489		<LOQ	Tested
Zinc	1.67	5.00		ND	Tested

Date Analyzed: 08/04/2025  
SOP 502; ICPMS.



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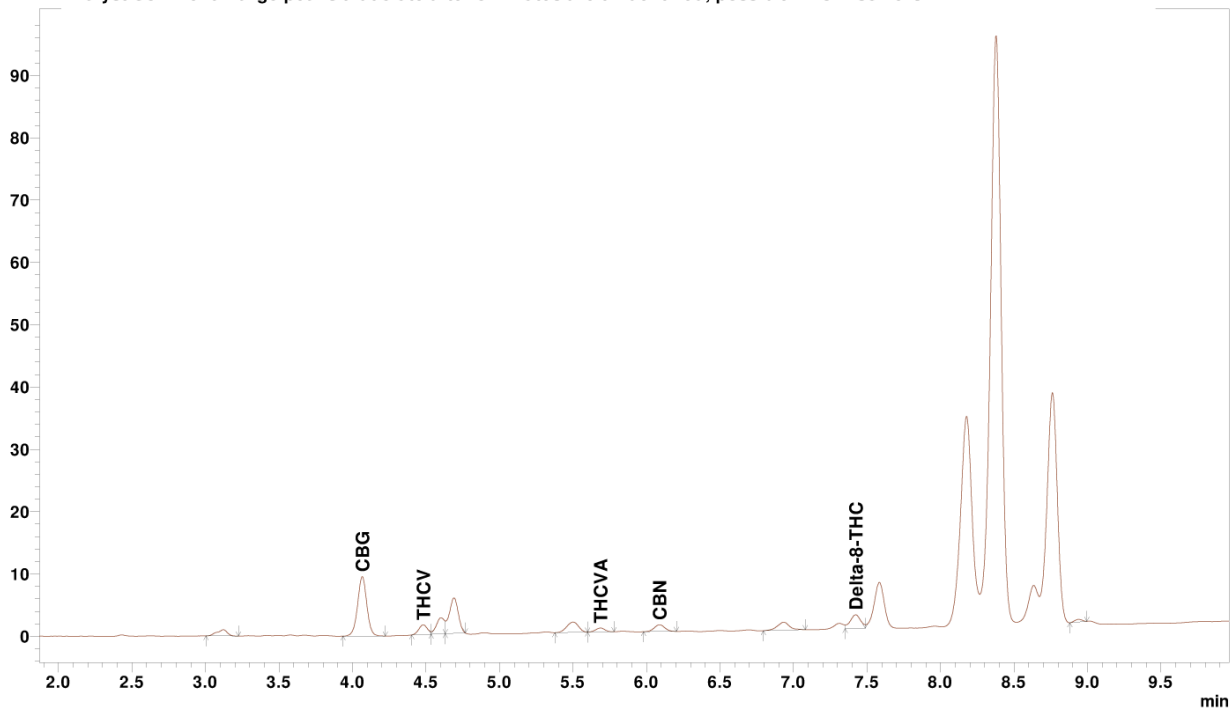
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#### Cannabinoids Supporting Information Full Chromatogram Method: UHPLC-PDA SOP.102 Sample Filename: 250801TRI007.004\_027.lcd

TRI-  
CHOME  
ANALY-  
TI-CAL

Analyst Comment: Large peaks that elute after 8 minutes are unidentified, possible THCH isomers



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