



Manifest: 2501270004
Sample ID: 1A-GHEMP-2501270004-0018
Name: THCAD-012425.1 - MFR=012425 - EXP=012427
Type: Concentrate
Client ID:
Client:
Address:

Test Performed: Potency
Report No: P-2501270004-V5
Receive Date: 2025-01-27
Test Date: 2025-01-29
Report Date: 2025-01-30
Sample Condition: Good
Method Reference: GH-OP-06

Scope: The content of 21 cannabinoids was determined by an in-house developed method certified by CDPHE for solvent extraction followed by High Performance Liquid Chromatography with Diode Array Detection.

Totals	percent	mg/g
Total THC	90.07	900.65
Total CBD	ND	ND
Total CBG	ND	ND
Total Cannabinoids	102.70	1026.97
Total THC:CBD Ratio	NA	

Total CBD = CBD + (CBDA x 0.877); Total CBG = CBG + (CBGA x 0.877)
Total THC = Δ⁹ THC + (THCA x 0.877)

Cannabinoids	LOD percent	LOQ percent	percent	mg/g
CBDVA	0.047	0.3621	ND	ND
CBDV	0.0137	0.3621	ND	ND
CBDA	0.0218	0.3621	ND	ND
CBGA	0.016	0.3621	ND	ND
CBG	0.0435	0.3621	ND	ND
CBD	0.0464	0.3621	ND	ND
Δ ⁹ THCV	0.0195	0.3621	ND	ND
Δ ⁹ THCVA	0.0206	0.3621	<LOQ	<LOQ
CBN	0.0195	0.3621	ND	ND
CBNA	0.0321	0.3621	ND	ND
EXO-THC	0.0619	0.3621	ND	ND
Δ ⁹ THC	0.0304	0.3621	ND	ND
Δ ⁸ THC	0.0538	0.3621	ND	ND
Δ ¹⁰ -S THC	0.0235	0.3621	ND	ND
CBL	0.055	0.3621	ND	ND
Δ ¹⁰ -R THC	0.0137	0.3621	ND	ND
CBC	0.0057	0.3621	ND	ND
Δ ⁹ THCA	0.0246	0.3621	102.70	1026.97
CBCA	0.0458	0.3621	ND	ND
CBLA	0.0458	0.3621	ND	ND
CBT	0.0218	0.3621	ND	ND

ND - not detected; LOQ - limit of quantitation; ULOQ - upper limit of quantitation;

Lab Comments: Δ⁹-THC Uncertainty = +/- 0.0292%


Bugi Perrone, QA Advisor

2025-01-30
Date



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Manifest: 2501270004
Sample ID: 1A-GHEMP-2501270004-0018
Sample Name: THCAD-012425.1 - MFR=012425 - EXP=012427
Sample Type: Concentrate
Client ID:
Client:
Address:

Test Performed: Hemp Lab
Report No: R-2501270004-V3
Receive Date: 2025-01-27
Test Date: 2025-02-11
Report Date: 2025-02-12
Sample Condition: Good
Method Reference: GH-OP-08

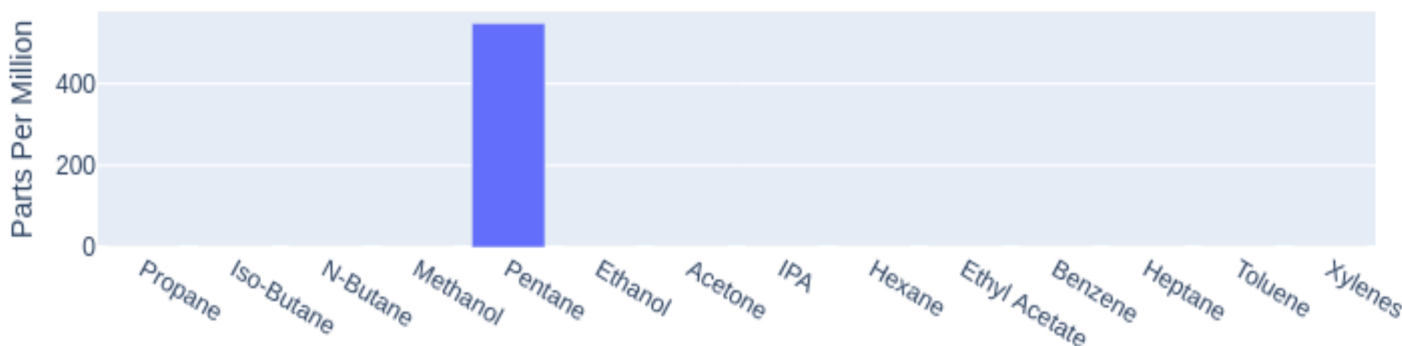
Scope: The content of fifteen residual solvents was determined by an in-house developed method for Headspace-Gas Chromatography with Flame Ionization Detection.

Solvents	LOD (ppm)	LOQ (ppm)	Parts Per Million (ppm)
Propane	135	372	ND
Iso-Butane	82	490	ND
N-Butane	107	490	ND
Methanol	38	120	ND
Pentane	73	100	547.34
Ethanol	50	200	ND
Acetone	82	200	ND
IPA	40	200	ND
Hexane	25	50	ND
Ethyl Acetate	57	200	ND
Benzene	0.65	1	ND
Heptane	137	200	ND
Toluene	75	100	ND
Xylenes	112	200	ND

Pentane Safety Information:

Please be informed that according to the standards set by the Colorado Department of Health and Environment, any Pentane measurement below 900 parts per million (ppm) is considered to be within the safe and acceptable range.

ND - not detected; LOD - limit of detection; LOQ - limit of quantitation; ULOQ - upper limit of quantitation;
 *Estimated result, greater than the upper limit of quantitation (>ULOQ)



Lab Comments:



Bugi Perrone, QA Advisor

2025-02-12

Date



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Pesticide Residues Report - Certificate of Analysis



Manifest: 2501270004
Sample ID: 1A-GHEMP-2501270004-0018
Sample Name: THCAD-012425.1 - MFR=012425 - EXP=012427
Sample Type: Concentrate
Client ID:
Client:
Facility Address:

Test Performed: Pesticide
Report No: PE-2501270004-V1
Receive Date: 2025-01-27
Test Date: 2025-02-10
Report Date: 2025-02-12
Sample Condition: Good
Method Reference: GA-OP-11

Executive Summary:

Sample 1A-GHEMP-2501270004-0018 has **passed** pesticide testing.

The following pesticides were detected in the sample:

Scope:

The content of the reported pesticide residues were quantified using LC-MS-MS and GC-TQMS. Identification was based on the retention time of each compound and the product mass spectra generated using Single Reaction Monitoring (SRM) or Dramatic Multiple Reaction Monitoring, and quantitation was determined using external standard calibration.

Lab Comments:

Bugi Perrone, QA Advisor

2025-02-12

Date



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Pesticide Residues Report



Pesticide	Limits (ppm)		Result (ppm)		Pesticide	Limits (ppm)		Result (ppm)		Pesticide	Limits (ppm)		Result (ppm)	
	Regulatory	Reporting*				Regulatory	Reporting*				Regulatory	Reporting*		
Abamectin		0.10000	ND	LCMS	Dodemorph		0.10000	ND	LCMS	Oxamyl		1.50000	ND	LCMS
Acephate		0.10000	ND	LCMS	Endosulfan sulfate		0.10000	ND	GCMS	Paclobutrazol		0.10000	ND	LCMS
Acequinocyl		0.10000	ND	LCMS	Endosulfan-alpha		0.20000	ND	GCMS	Parathion-methyl		0.10000	ND	GCMS
Acetamiprid		0.10000	ND	LCMS	Endosulfan-beta		0.10000	ND	GCMS	Permethrins		0.50000	ND	LCMS
Aldicarb		0.10000	ND	LCMS	Ethoprophos		0.10000	ND	LCMS	Phenothrin		0.10000	ND	LCMS
Allethrin		0.10000	ND	LCMS	Etofenprox		0.10000	ND	LCMS	Phosmet		0.10000	ND	LCMS
Atrazine		0.10000	ND	LCMS	Etoazole		0.10000	ND	LCMS	Piperonyl butoxide		1.00000	ND	LCMS
Azadirachtin		0.50000	ND	LCMS	Etridiazole		0.10000	ND	GCMS	Pirimicarb		0.10000	ND	LCMS
Azoxystrobin		0.10000	ND	LCMS	Fenhexamid		0.12500	ND	LCMS	Prallethrin		0.10000	ND	LCMS
Benzovindiflupyr		0.10000	ND	LCMS	Fenoxycarb		0.10000	ND	LCMS	Propiconazole		0.10000	ND	LCMS
Bifenazate		0.10000	ND	LCMS	Fenpyroximate		0.10000	ND	LCMS	Propoxur		0.10000	ND	LCMS
Bifenthrin		1.00000	ND	LCMS	Fensulfothion		0.10000	ND	LCMS	Pyraclostrobin		0.10000	ND	LCMS
Boscalid		0.10000	ND	LCMS	Fenthion		0.10000	ND	GCMS	Pyrethrins		0.10000	ND	LCMS
Buprofezin		0.10000	ND	LCMS	Fenvalerate		0.10000	ND	GCMS	Pyridaben		0.10000	ND	LCMS
Carbaryl		0.10000	ND	LCMS	Fipronil		0.10000	ND	LCMS	Pyriproxyfen		0.10000	ND	LCMS
Carbofuran		0.10000	ND	LCMS	Flonicamid		0.10000	ND	LCMS	Quintozene		0.10000	ND	GCMS
Chlorantraniliprole		0.10000	ND	LCMS	Fludioxonil		0.10000	ND	LCMS	Resmethrin		0.10000	ND	LCMS
Chlorphenapyr		0.10000	ND	GCMS	Fluopyram		0.10000	ND	LCMS	Spinetoram		0.10000	ND	LCMS
Chlorpyrifos		0.10000	ND	LCMS	Hexythiazox		0.10000	ND	LCMS	Spinosad		0.10000	ND	LCMS
Clofentezine		0.10000	ND	LCMS	Imazalil		0.10000	ND	LCMS	Spirodiclofen		0.25000	ND	LCMS
Clothianidin		0.10000	ND	LCMS	Imidacloprid		0.10000	ND	LCMS	Spiromesifen		3.00000	ND	LCMS
Coumaphos		0.10000	ND	LCMS	Iprodione		0.50000	ND	LCMS	Spirotetramat		0.10000	ND	LCMS
Cyantraniliprole		0.10000	ND	LCMS	Kinoprene		0.10000	ND	GCMS	Spiroxamine		0.10000	ND	LCMS
Cyfluthrin		0.20000	ND	GCMS	Kresoxim-methyl		0.10000	ND	LCMS	Tebuconazole		0.10000	ND	LCMS
Cypermethrin		0.25000	ND	GCMS	MGK-264		0.10000	ND	GCMS	Tebufenozide		0.10000	ND	LCMS
Cyprodinil		0.10000	ND	LCMS	Malathion		0.10000	ND	LCMS	Teflubenzuron		0.10000	ND	LCMS
Daminozide		0.10000	ND	LCMS	Metaxyl		0.10000	ND	LCMS	Tetrachlorvinphos		0.10000	ND	LCMS
Deltamethrin		0.50000	ND	LCMS	Methiocarb		0.10000	ND	LCMS	Tetramethrin		0.10000	ND	LCMS
Diazinon		0.10000	ND	LCMS	Methomyl		0.10000	ND	LCMS	Thiabendazole		0.10000	ND	LCMS
Dichlorvos		0.10000	ND	GCMS	Methoprene		2.00000	ND	LCMS	Thiacloprid		0.10000	ND	LCMS
Dimethoate		0.10000	ND	LCMS	Mevinphos		0.10000	ND	LCMS	Thiamethoxam		0.10000	ND	LCMS
Dimethomorph		0.10000	ND	LCMS	Myclobutanil		0.10000	ND	LCMS	Thiophanate-methyl		0.10000	ND	LCMS
Dinotefuran		0.10000	ND	LCMS	Naled		0.10000	ND	LCMS	Trifloxystrobin		0.10000	ND	LCMS
Diuron		0.10000	ND	LCMS	Novaluron		0.10000	ND	LCMS	lambda-Cyhalothrin		0.20000	ND	GCMS

*or Lower Limit of Quantitation (LLOQ).
 ND (Not Detected) = sample result is below MDL.
 >HLOQ = sample result is above Higher LOQ.
 **

Bug

Bugi Perrone, QA Advisor

2025-02-12

Date

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PJLA
 Testing
 Accreditation #103051



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Analytical Report - Certificate of Analysis



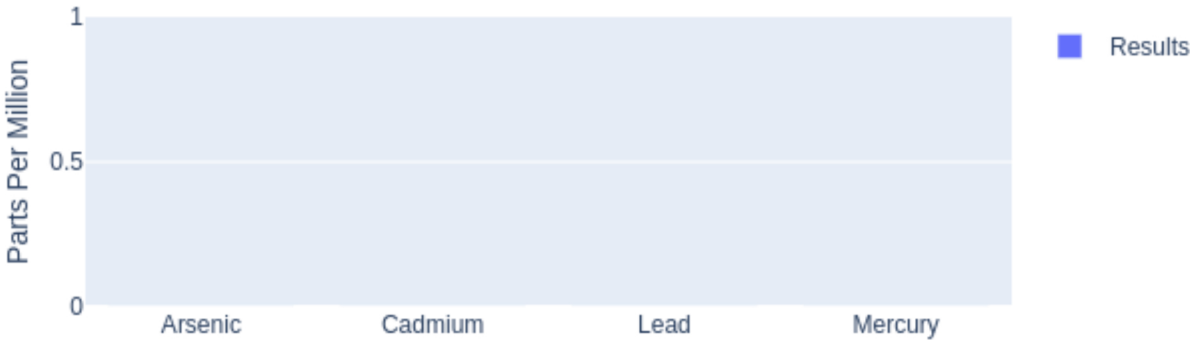
Manifest: 2501270004
Sample ID: 1A-GHEMP-2501270004-0018
Sample Name: THCAD-012425.1 - MFR=012425 - EXP=012427
Sample Type: Concentrate
Client ID:
Client:
Address:

Test Performed: Hemp Lab
Intended Use: Inhaled or Audited Product
Report No: MT-2501270004-V3
Receive Date: 2025-01-27
Test Date: 2025-02-12
Report Date: 2025-02-12
Sample Condition: Good
Method Reference: GH-OP-17

Scope: Arsenic, Cadmium, Lead and Mercury were determined by an Inductively Coupled Plasma Mass Spectrometer (ICP-MS) using an in-house developed method.

Elemental Impurities	LOD (ppm)	LOQ (ppm)	Parts Per Million (ppm)
Arsenic	0.007	0.025	ND
Cadmium	0.003	0.01	ND
Lead	0.003	0.01	ND
Mercury	0.0009	0.003	ND

ND - not detected; ULOQ - upper limit of quantitation; LOD - limit of detection; LOQ - limit of quantitation



Lab Comments:

Peter Perrone
Peter Perrone Laboratory Director

2025-02-12
Date



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