

SAMPLE NAME	20240823_THCAIsolate_001	COA ID:	20240824_THCAIsolate_001
METRC Sample:	N/A	Producer	N/A
METRC Batch:	N/A	Lic. #	N/A
Matrix:	Concentrate		N/A
Type:	Isolate		N/A
Strain:	N/A		N/A
Batch size:	N/A		N/A
Sample Size:	N/A		N/A
Sample ID:	20240823_THCAIsolate_001	Distributor	R&D Test Ltd.
Collected:	8/23/24 9:00 AM	Lic. #	N/A
Received:	08/23/2024		N/A
Completed:	08/23/2024		N/A
Sampling Method	SOP# 010		

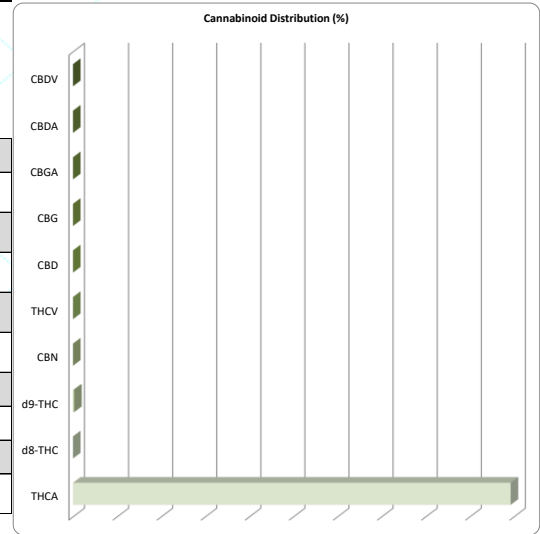


Summary			
Analytical Test	Date Tested	Method	Status
Batch	-	-	Pass
Cannabinoids	08/25/2024	NSL_Method_POT_001	Pass
Water Activity	Not Tested	NSL_Method_WATMC_001	N/T
Pesticides	08/24/2024	NSL_Method_PEST_001	Pass
Mycotoxins	08/24/2024	NSL_Method_PEST_001	Pass
Microbial Impurities	Not Tested	NSL_Method_BIO_001	N/T
Heavy Metals	08/24/2024	NSL_Method_MET_001	Pass
Residual Solvents	08/24/2024	NSL_Method_RSA_001	Pass
Foreign Material	Not Tested	NSL_Method_Format_001	N/T
Moisture Content	Not Tested	NSL_Method_WATMC_001	N/T

Cannabinoids  
Instrument: HPLC-DAD  
Method: NSL\_Method\_POT\_001

Status: **Pass**  
Analytical Batch: 20230524\_POT\_Batch1  
Date Tested: 08/25/2024

Analyte	LOD	LOQ	Sample Results				
	mg/g	mg/g	mg/g	%	mg/unit	mg/serving	
CBDV	1.4800	5.0000	ND	ND	N/A	N/A	
CBDA	1.3650	5.0000	ND	ND	N/A	N/A	
CBGA	1.0400	5.0000	ND	ND	N/A	N/A	
CBG	1.1350	5.0000	ND	ND	N/A	N/A	
CBD	1.1200	5.0000	ND	ND	N/A	N/A	
THCV	1.4900	5.0000	ND	ND	N/A	N/A	
CBN	1.1550	5.0000	ND	ND	N/A	N/A	
d9-THC	1.0150	5.0000	2.780	0.278	N/A	N/A	
d8-THC	1.5200	5.0000	ND	ND	N/A	N/A	
THCA	1.4300	5.0000	992.770	99.277	N/A	N/A	



	mg/g	%	mg/unit	mg/serving
TOTAL Cannabinoids	995.55	99.56	N/A	N/A

Moisture Content	
Instrument:	Result (%)
Method: NSL_Method_WATMC_001	NT

Water Activity	
Instrument:	Result (Aw)
Method: NSL_Method_WATMC_001	NT

Flower Action Limit  
0.65 Aw

Edibles Action Limit  
0.85 Aw

Status: **N/T**  
Analytical Batch: N/A  
Date Tested: Not Tested

LQA REVIEWER

Report Date: 08/25/2024

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San Diego, CA 92102

## Research and Development Testing

SAMPLE NAME 20240823\_THCAIsolate\_001

METRC Sample: N/A

METRC Batch: N/A

Matrix: Concentrate

Type: Isolate

Strain: N/A

Batch size: N/A

Sample Size: N/A

Sample ID: 20240823\_THCAIsolate\_001

Collected: 8/23/24 9:00 AM

Received: 08/23/2024

Completed: 08/25/2024

Sampling Method SOP# 010

Distributor

R&D Test Ltd.

Lic. # N/A

N/A

N/A

Producer

N/A

Lic. # N/A

N/A

N/A

COA ID: 20240823\_THCAIsolate\_001

### Pesticides

Instrument: LC-MS/MS

Method: NSL\_Method\_PEST\_001

Status:

Pass

Analytical Batch: 20240823\_PESTMYC\_Batch1

Date Tested: 08/23/2024

Analyte	LOD µg/g	LOQ µg/g	Action Limit µg/g	Result µg/g	Status
Abamectin	0.001875	0.075	0.10	ND	Pass
Acephate	0.001875	0.075	0.10	ND	Pass
Acequinocyl	0.000469	0.075	0.10	ND	Pass
Acetamiprid	0.000059	0.075	0.10	ND	Pass
Aldicarb	0.000469	0.075	0.000469	ND	Pass
Azoxystrobin	0.000117	0.075	0.10	ND	Pass
Bifenazate	0.000117	0.075	0.10	ND	Pass
Bifenthrin	0.000234	0.075	3.00	ND	Pass
Boscalid	0.000234	0.075	0.10	ND	Pass
Captan	0.150000	0.375	0.70	ND	Pass
Carbaryl	0.000469	0.075	0.50	ND	Pass
Carbofuran	0.000117	0.075	0.000117	ND	Pass
Chlorantraniliprole	0.000117	0.075	10.00	ND	Pass
Chlordane	0.007500	0.075	0.007500	ND	Pass
Chlorfenapyr	0.007500	0.075	0.007500	ND	Pass
Chlorpyrifos	0.000469	0.075	0.000469	ND	Pass
Clofentazine	0.000117	0.075	0.10	ND	Pass
Coumaphos	0.000117	0.075	0.000117	ND	Pass
Cyfluthrin	0.015000	0.075	2.00	ND	Pass
Cypermethrin	0.003750	0.075	1.00	ND	Pass
Daminozide	0.007500	0.075	0.007500	ND	Pass
Diazinon	0.000117	0.075	0.10	ND	Pass
Dichlorvos	0.001875	0.075	0.001875	ND	Pass
Dimethoate	0.000059	0.075	0.000059	ND	Pass
Dimethomorph	0.000015	0.075	2.00	ND	Pass
Ethoprophos	0.000469	0.075	0.000469	ND	Pass
Etofenprox	0.000234	0.075	0.000234	ND	Pass
Etoxazole	0.000059	0.075	0.10	ND	0
Fenhexamid	0.000938	0.075	0.10	ND	Pass
Fenoxycarb	0.000234	0.075	0.000234	ND	Pass
Fenpyroximate	0.000059	0.075	0.10	ND	Pass
Fipronil	0.000117	0.075	0.000117	ND	Pass
Fonicamid	0.000117	0.075	0.10	ND	Pass

Analyte	LOD µg/g	LOQ µg/g	Action Limit µg/g	Result µg/g	Status
Fludioxonil	0.000234	0.075	0.10	ND	Pass
Hexythiazox	0.000030	0.075	0.10	ND	Pass
Imazalil	0.000234	0.075	0.000234	ND	Pass
Imidacloprid	0.000117	0.075	5.00	ND	Pass
Kresoxim-methyl	0.000469	0.075	0.10	ND	Pass
Malathion	0.000234	0.075	0.50	ND	Pass
Metaxathyl	0.000117	0.075	2.00	ND	Pass
Methiocarb	0.000004	0.075	0.000004	ND	Pass
Methomyl	0.001875	0.075	1.00	ND	Pass
Methyl Parathion	0.003750	0.075	0.003750	ND	Pass
Mevinphos	0.000469	0.075	0.000469	ND	Pass
Myclobutanil	0.000117	0.075	0.10	ND	Pass
Naled	0.000469	0.075	0.10	ND	Pass
Oxamyl	0.000234	0.075	0.50	ND	Pass
Paclobutrazol	0.000938	0.075	0.000938	ND	Pass
Pentachloronitrobenzene	0.003750	0.075	0.10	ND	Pass
Permethrin	0.000469	0.075	0.50	ND	Pass
Phosmet	0.000938	0.075	0.10	ND	Pass
Piperonyl Butoxide	0.000001	0.075	3.00	ND	Pass
Prallethrin	0.003750	0.075	0.10	ND	Pass
Propiconazole	0.000002	0.075	0.10	ND	Pass
Propoxur	0.000938	0.075	0.000938	ND	Pass
Pyrethrins	0.000598	0.034	0.50	ND	Pass
Pyridaben	0.000059	0.075	0.10	ND	Pass
Spinetoram	0.000285	0.072	0.10	ND	Pass
Spinosad	0.000412	0.074	0.10	ND	Pass
Spiromesifen	0.000234	0.075	0.10	ND	Pass
Spirotetramat	0.000059	0.075	0.10	ND	Pass
Spiroxamine	0.000117	0.075	0.000117	ND	Pass
Tebuconazole	0.000059	0.075	0.10	ND	Pass
Thiacloprid	0.000117	0.075	0.000117	ND	Pass
Thiamethoxam	0.000117	0.075	5.00	ND	Pass
Trifloxystrobin	0.000030	0.075	0.10	ND	Pass

Report Date: 08/25/2024

QA Reviewer

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**SAMPLE NAME** 20240823\_THCAIsolate\_001

**METRC Sample:** N/A

**METRC Batch:** N/A

**Matrix:** Concentrate

**Type:** Isolate

**Strain:** N/A

**Batch size:** N/A

**Sample Size:** N/A

**Sample ID:** 20240823\_THCAIsolate\_001

**Collected:** 8/23/24 12:00 AM Received:

**08/23/2028**
**Completed:** 08/25/2024

**Sampling Method** SOP# 010

**Distributor**

R&amp;D Test Ltd.

**Lic. #** N/A

N/A

N/A

**COA ID:**

20240823\_THCAIsolate\_001

**Producer**

N/A

**Lic. #** N/A

N/A

N/A

**Mycotoxins**
**Instrument:** LC-MS/MS

**Method:** NSL\_Method\_PEST\_001

**Status:**
**Pass**
**Analytical Batch:** 20240823\_PESTMYC\_Batch1

**Date Tested:** 08/24/2024

Analyte	LOD µg/kg	LOQ µg/kg	Action Limit µg/kg	Result µg/kg	Status
Aflatoxin B1	0.188	1.50	-	ND	-
Aflatoxin B2	0.094	1.50	-	ND	-
Aflatoxin G1	0.094	1.50	-	ND	-
Aflatoxin G2	0.094	1.50	-	ND	-
Total Aflatoxins	-	-	20.00	ND	Pass
Ochratoxin A	1.500	7.50	20.00	ND	Pass

**Microbial Impurities**
**Instrument:** BioRad CFX96

**Method:** NSL\_Method\_BIO\_001

**Status:** N/A

**Analytical Batch:** N/A

**Date Tested:** Not Tested

Analyte	Result	Status
Aspergillus flavus*	NT	NT
Aspergillus fumigatus*	NT	NT
Aspergillus niger*	NT	NT
Aspergillus terreus*	NT	NT
Shiga toxin-producing E. Coli	NT	NT
Salmonella SPP	NT	NT

\*Aspergillus species are only tested in inhalable cannabis and cannabis products

**Heavy Metals**
**Instrument:** ICP-MS

**Method:** NSL\_Method\_MET\_001

**Status:**
**Pass**
**Analytical Batch:** 20230824\_MET\_Batch1

**Date Tested:** 08/24/2024

Analyte	LOD µg/g	LOQ µg/g	Action Limit µg/g	Result µg/g	Status
Arsenic	0.0500	0.151	0.20	ND	Pass
Cadmium	0.0560	0.170	0.20	ND	Pass
Lead	0.0381	0.115	0.50	0.233	Pass
Mercury	0.0092	0.0258	0.10	<LOQ	Pass

**Report Date:** 08/25/2024

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## Research and Development Testing

SAMPLE NAME 20240823\_THCAIsolate\_001

METRC Sample: N/A

METRC Batch: N/A

Matrix: Concentrate

Type: Isolate

Strain: N/A

Batch size: N/A

Sample Size: N/A

Sample ID: 20230523\_THCAIsolate\_001

Collected: 8/23/24 12:00 AM

Received: 08/23/2024

Completed: 08/25/2024

Sampling Method SOP# 010

Distributor  
R&D Test Ltd.

Lic. # N/A

N/A

N/A

COA ID:

20240823\_THCAIsolate\_001

Producer  
N/A

Lic. # N/A

N/A

N/A

### Residual Solvents

Instrument: GC-MS  
Method: NSL\_Method\_RSA\_001

Status:

Pass

Analytical Batch: 20240824\_RSA\_Batch1  
Date Tested: 08/24/2024

Analyte	LOD µg/g	LOQ µg/g	Action Limit µg/g	Result µg/g	Status
1,2-Dichloro-Ethane	0.083	0.252	1	ND	Pass
Acetone	0.220	0.666	5000	<LOQ	Pass
Acetonitrile	0.239	0.724	410	ND	Pass
Benzene	0.095	0.288	1	ND	Pass
Butane	0.418	1.267	5000	ND	Pass
Chloroform	0.082	0.248	1	ND	Pass
Ethanol	0.181	0.548	5000*	<LOQ	Pass
Ethyl-Acetate	0.240	0.728	5000	ND	Pass
Ethyl-Ether	0.209	0.633	5000	ND	Pass
Ethylene Oxide	0.083	0.251	1	ND	Pass
Heptane	0.224	0.679	5000	<LOQ	Pass
Isopropanol	0.239	0.726	5000*	ND	Pass
Methanol	0.397	1.203	3000	ND	Pass
Methylene-Chloride	0.098	0.296	1	ND	Pass
n-Hexane	0.245	0.743	290	ND	Pass
Pentane	0.238	0.721	5000	0.800369004	Pass
Propane	0.368	1.115	5000	ND	Pass
Toluene	0.284	0.860	890	ND	Pass
Trichloroethylene	0.088	0.268	1	ND	Pass
Xylenes**	0.973	2.948	2170	ND	Pass

\*The action limit for ethanol does not apply to cannabis products that are tinctures or topicals; the action limit for isopropanol does not apply to cannabis products that are topicals

\*\*Xylenes are reported as a total of ortho-, meta-, and para-xylene

QA Reviewer

0.000

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