



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 08/01/2025
Batch Size: 4928 g
Batch Unit Size: 28 g
Units Sampled: 4
Total Amt. Sampled: 112 g
Seed to Sale ID: 5925829885103898
QA Sample ID: 3072692313664366

5925829885103898



Laboratory ID: JH01008-01
Sample Matrix: Tincture (MCT)
Admin. Route: Non-inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: Cereal Milk
Product Name: TINCTURE
Description: 1OZ
Sample Date: 08/01/25
Received: 08/01/25 15:36
Completed: 08/05/25 15:41

POTENCY SUMMARY (As Received)

Total CBD Total THC Total Cannabinoids
2.34% (655 mg) **0.189% (52.9 mg)** **2.64% (740 mg)**

Analyte	%	mg
CBD	2.34	655
delta 9-THC	0.189	52.9
CBC	0.0778	21.8
CBG	0.0364	10.2
CBDa	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBGa	<LOQ	<LOQ
CBN	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ
THCa	<LOQ	<LOQ
THCV	<LOQ	<LOQ

TERPENES SUMMARY (Top Ten)

Terpenes
Not Tested

ANALYSIS SUMMARY

Potency	Completed	Homogeneity	Not Tested	Terpenes	Not Tested
Residual Solvents	PASS	% Moisture	Not Tested	Water Activity	PASS
Foreign Matter	PASS	Pesticides	PASS	Mycotoxins	PASS
Heavy Metals	PASS	Microbials	PASS	Label Claim	Not Applicable

Copyright © 2025 Modern Canna, LLC. All rights reserved.

This report shall not be reproduced, distributed, or transmitted in any form or by any means, without written consent from Modern Canna, LLC. The results in this report relate only to the products analyzed. The results in this report are confidential. For more information regarding our reporting limits, please visit: www.moderncanna.com/modern-canna-reporting-limits/

LOQ = Limit of Quantification

ND = Non-Detect

RPD = Relative Percent Difference

MDL = Method Detection Limit

PQL = Practical Quantitation Limit



CMTL-0005

4705 Old Rd 37
Lakeland, FL 33813
www.moderncanna.com
863-608-7800

Richard Dillen
Laboratory Director



Accreditation #102020



Sample Matrix: Tincture (MCT)

Cultivar: Cereal Milk

Product Name: TINCTURE

Lab ID: JH01008-01

Received: 08/01/25 15:36

Completed: 08/05/25 15:41

Potency by HPLC

Batch: B5H0143
SOP: MCS-SOP-002Prep By: 1044
Prep On: 8/3/25 12:26Ana. By: 1005
Ana. On: 8/5/25 14:20Initial (g): 0.1017
Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	0.189	1	0.00127	0.00983	Total CBD	2.34	10	0.0194	0.0983
delta 8-THC	ND	1	0.000619	0.00983	delta 9-THC	0.189	1	0.000678	0.00983
THCa	ND	1	0.000669	0.00983	THCV	ND	1	0.00144	0.00983
CBD	2.34	10	0.0129	0.0983	CBDa	ND	1	0.000806	0.00983
CBDV	ND	1	0.000885	0.00983	CBC	0.0778	1	0.00297	0.00983
CBG	0.0364	1	0.000619	0.00983	CBGa	ND	1	0.000629	0.00983
CBN	ND	1	0.000747	0.00983					

Residual Solvents by GC/MS-HS

Batch: B5H0114
SOP: MCS-SOP-003Prep By: 1028
Prep On: 8/1/25 16:08Ana. By: 1028
Ana. On: 8/1/25 22:43Initial (g): 0.0237
Final (g): 20

Analyte (mg/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (mg/kg)	Result	Diln	Reg. Limit	MDL	PQL
Propane	ND	1	5000	84.4	211	n-Butane	ND	1	5000	84.4	211
Methanol	ND	1	250	21.1	84.4	Ethylene Oxide	ND	1	5	0.422	2.11
Ethanol	ND	1	5000	422	506	Pentane	ND	1	750	63.3	211
Ethyl Ether	ND	1	500	42.2	211	Acetone	ND	1	750	63.3	211
1,1-Dichloroethylene	ND	1	8	0.259	1.27	Isopropyl Alcohol (2-Propanol)	ND	1	500	42.2	211
Acetonitrile	ND	1	60	5.06	25.3	Methylene Chloride	ND	1	125	10.5	42.2
Hexane	ND	1	250	21.1	105	Ethyl Acetate	ND	1	400	33.8	169
Chloroform	ND	1	2	0.116	0.844	1,2-Dichloroethane	ND	1	2	0.152	0.844
Benzene	ND	1	1	0.0484	0.0844	Heptane	ND	1	5000	84.4	211
Trichloroethene (Trichloroethylene)	ND	1	25	2.11	10.5	Toluene	ND	1	150	12.7	63.3
m/p-Xylenes	ND	1	100	6.33	25.3	o-xylene	ND	1	50	6.33	25.3

Water Activity by REH

Batch: B5H0149
SOP: MCS-SOP-G03Prep By: 1054
Prep On: 8/4/25 09:59Ana. By: 1054
Ana. On: 8/5/25 12:55Initial (g): 0.1043
Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.38	1	0.85	0.040	0.040

Foreign Matter

Batch: B5H0403
SOP: MCS-SOP-G01Prep By: 1054
Prep On: 8/4/25 09:30Ana. By: 1054
Ana. On: 8/4/25 11:10Initial (g): 1
Final (g): 1

Analyte (P/A)	Result	Diln	Reg. Limit	MDL	PQL
Foreign Matter	Absent	1	1	1.00	1.00

5925829885103898

Sample Matrix: Tincture (MCT)

Cultivar: Cereal Milk

Product Name: TINCTURE

Lab ID: JH01008-01

Received: 08/01/25 15:36

Completed: 08/05/25 15:41

Pesticides by LC-QQQ

Batch: B5H0145
SOP: MCS-SOP-001bPrep By: 1030
Prep On: 8/4/25 09:31Ana. By: 1067
Ana. On: 8/4/25 18:39Initial (g): 0.1029
Final (g): 5

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	ND	10	300	17.6	48.6	Acephate	ND	10	3000	12.1	48.6
Acequinocyl	ND	10	2000	7.19	48.6	Acetamiprid	ND	10	3000	6.22	48.6
Aldicarb	ND	10	100	18.3	48.6	Azoxystrobin	ND	10	3000	8.94	24.3
Bifenazate	ND	10	3000	9.23	24.3	Bifenthrin	ND	10	500	7.48	48.6
Boscalid	ND	10	3000	28.4	48.6	Chlorpyrifos	ND	10	100	8.26	24.3
Carbaryl	ND	10	500	15.2	48.6	Carbofuran	ND	10	100	7.19	12.1
Chlorantraniliprole	ND	10	3000	15.5	121	Chlormequat chloride	ND	10	3000	6.03	48.6
Clofentezine	ND	10	500	9.52	97.2	Coumaphos	ND	10	100	13.2	24.3
Cyfluthrin	ND	10	1000	74.5	194	Cypermethrin	ND	10	1000	18.7	121
Daminozide	ND	10	100	15.2	48.6	Diazinon	ND	10	200	5.34	24.3
Dichlorvos	ND	10	100	19.3	48.6	Dimethoate	ND	10	100	2.24	12.1
Dimethomorph, Total	ND	10	3000	5.93	48.6	Ethoprophos	ND	10	100	10.3	12.1
Etofenprox	ND	10	100	8.07	48.6	Etoazole	ND	10	1500	7.19	48.6
Fenhexamid	ND	10	3000	9.62	48.6	Fenoxycarb	ND	10	100	8.75	24.3
Fenpyroximate	ND	10	2000	4.37	48.6	Fipronil	ND	10	100	23.0	48.6
Flonicamid	ND	10	2000	8.16	48.6	Fludioxonil	ND	10	3000	17.1	48.6
Hexythiazox	ND	10	2000	5.93	48.6	Imazalil	ND	10	100	10.4	48.6
Imidacloprid	ND	10	3000	8.84	97.2	Kresoxim-Methyl	ND	10	1000	8.65	48.6
Malathion	ND	10	2000	28.4	48.6	Metalaxyl	ND	10	3000	9.62	48.6
Methiocarb	ND	10	100	17.8	48.6	Methomyl	ND	10	100	3.79	24.3
Mevinphos	ND	10	100	10.3	48.6	Myclobutanil	ND	10	3000	13.9	48.6
Dibrom (Naled)	ND	10	500	18.6	48.6	Oxamyl	ND	10	500	4.08	12.1
Paclobutrazol	ND	10	100	14.3	48.6	Permethrin	ND	10	1000	7.77	48.6
Phosmet	ND	10	200	8.75	48.6	Piperonyl butoxide	ND	10	3000	19.4	48.6
Prallethrin	ND	10	400	11.4	24.3	Propiconazole (Tilt)	ND	10	1000	8.75	48.6
Pyridaben	ND	10	3000	3.01	48.6	Pyrethrins, Total	ND	10	1000	10.5	48.6
Spinetoram, Total	ND	10	3000	6.51	48.6	Spiromesifen	ND	10	3000	7.09	12.1
Spirotetramat	ND	10	3000	8.55	48.6	Spiroxamine	ND	10	100	4.86	48.6
Tebuconazole	ND	10	1000	7.68	48.6	Thiacloprid	ND	10	100	3.21	48.6
Thiamethoxam	ND	10	1000	4.37	97.2	Trifloxystrobin	ND	10	3000	7.97	48.6
Baygon (Propoxur)	ND	10	100	5.73	48.6	Spinosad, Total	ND	10	3000	8.65	35.2

Pesticides by GC-QQQ

Batch: B5H0145
SOP: MCS-SOP-001aPrep By: 1030
Prep On: 8/4/25 09:31Ana. By: 1039
Ana. On: 8/5/25 12:14Initial (g): 0.1029
Final (g): 5

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozene)	ND	5	200	33.3	72.9	Methyl parathion	ND	5	100	16.6	72.9
Captan	ND	5	3000	47.9	72.9	Chlordane, Total	ND	5	100	37.9	72.9
Chlorfenapyr	ND	5	100	42.4	72.9						

Mycotoxins by LC-QQQ

Batch: B5H0145
SOP: MCS-SOP-001bPrep By: 1030
Prep On: 8/4/25 09:31Ana. By: 1067
Ana. On: 8/5/25 02:10Initial (g): 0.1029
Final (g): 5

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	ND	10	20	5.71	9.72	Ochratoxin A	ND	10	20	4.90	9.72
Aflatoxin G2	ND	10	20	14.5	19.4	Aflatoxin G1	ND	10	20	6.30	14.6
Aflatoxin B2	ND	10	20	7.54	14.6	Aflatoxin B1	ND	10	20	5.71	9.72



CMTL-0005

4705 Old Rd 37
Lakeland, FL 33813
www.moderncanna.com
863-608-7800


Richard Dillen
Laboratory Director



Accreditation #102020



5925829885103898

Sample Matrix: Tincture (MCT)
Cultivar: Cereal Milk
Product Name: TINCTURE

Lab ID: **JH01008-01**
Received: 08/01/25 15:36
Completed: 08/05/25 15:41

Total Metals by ICP-MS

Batch: B5H0147
SOP: MCS-SOP-I01

Prep By: 1029
Prep On: 8/4/25 09:30

Ana. By: 1005
Ana. On: 8/4/25 12:47

Initial (g): 0.2503
Final (g): 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	ND	1	1500	20.0	99.9	Cadmium	ND	1	500	20.0	99.9
Lead	ND	1	500	49.9	250	Mercury	ND	1	3000	20.0	49.9

Microbials by qPCR

Batch: B5H0123
SOP: MCS-SOP-M01

Prep By: 1053
Prep On: 8/2/25 11:42

Ana. By: 1053
Ana. On: 8/3/25 14:21

Initial (g): 1.0018
Final (g): 2.4

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Aspergillus flavus	Absent	1	1	1.00	1.00	Aspergillus fumigatus	Absent	1	1	1.00	1.00
Aspergillus niger	Absent	1	1	1.00	1.00	Aspergillus terreus	Absent	1	1	1.00	1.00
Aspergillus Total	Absent	1	1	1.00	1.00	Salmonella	Absent	1	1	1.00	1.00
Shiga Toxin E.coli	Absent	1	1	1.00	1.00						

Quantitative Microbials by qPCR

Batch: B5H0124
SOP: MCS-SOP-M01

Prep By: 1005
Prep On: 8/2/25 08:45

Ana. By: 1053
Ana. On: 8/2/25 09:40

Initial (g): 1.0031
Final (g): 7

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Yeast & Mold	Absent	1	100000	1000	1000