



Goldflower

Cultivation Facility: Mount Dora
Processing Facility: Sarasota
Batch Date: 08/01/2025
Batch Size: 11771 g
Batch Unit Size: 28.5 g
Units Sampled: 4
Total Amt. Sampled: 114 g
Seed to Sale ID: 9670069355371165
QA Sample ID: 0323357942025054

LFIN-000048

Laboratory ID: JH04008-01
Sample Matrix: Tincture (MCT)
Admin. Route: Non-inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: SUNO
Product Name: SUNO - SATIVA - TINCTURE
Description: 2025.07.31.POE600.SUNO.FG
Sample Date: 08/04/25
Received: 08/04/25 17:21
Completed: 08/06/25 16:55



POTENCY SUMMARY (As Received)

Total CBD
0.106% (30.2 mg)

Total THC
2.22% (633 mg)

Total Cannabinoids
2.47% (704 mg)

Analyte	%	mg
delta 9-THC	2.22	633
CBD	0.106	30.2
CBG	0.0754	21.5
CBN	0.0444	12.7
THCV	0.0245	6.98
CBC	<LOQ	<LOQ
CBDa	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBGa	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ
THCa	<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

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LOQ = Limit of Quantification ND = Non-Detect RPD = Relative Percent Difference MDL = Method Detection Limit PQL = Practical Quantitation Limit

LFIN-000048

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 Cultivar: SUNO
 Product Name: SUNO - SATIVA - TINCTURE

Lab ID: **JH04008-01**
 Received: 08/04/25 17:21
 Completed: 08/06/25 16:55

Potency by HPLC

Batch: B5H0419 Prep By: 1005 Ana. By: 1057 Initial (g): 0.1027
 SOP: MCS-SOP-002 Prep On: 8/5/25 08:30 Ana. On: 8/5/25 18:40 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	2.22	100	0.126	0.974	Total CBD	0.106	1	0.00192	0.00974
delta 8-THC	ND	1	0.000613	0.00974	delta 9-THC	2.22	100	0.0672	0.974
THCa	ND	1	0.000662	0.00974	THCV	0.0245	1	0.00142	0.00974
CBD	0.106	1	0.00128	0.00974	CBDa	ND	1	0.000798	0.00974
CBDV	ND	1	0.000876	0.00974	CBC	ND	1	0.00294	0.00974
CBG	0.0754	1	0.000613	0.00974	CBGa	ND	1	0.000623	0.00974
CBN	0.0444	1	0.000740	0.00974					

Residual Solvents by GC/MS-HS

Batch: B5H0417 Prep By: 1028 Ana. By: 1028 Initial (g): 0.0224
 SOP: MCS-SOP-003 Prep On: 8/4/25 17:40 Ana. On: 8/4/25 23:55 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	89.3	223	n-Butane	ND	1	5000	89.3	223
Methanol	ND	1	250	22.3	89.3	Ethylene Oxide	ND	1	5	0.446	2.23
Ethanol	ND	1	5000	446	536	Pentane	ND	1	750	67.0	223
Ethyl Ether	ND	1	500	44.6	223	Acetone	ND	1	750	67.0	223
1,1-Dichloroethylene	ND	1	8	0.274	1.34	Isopropyl Alcohol (2-Propanol)	ND	1	500	44.6	223
Acetonitrile	ND	1	60	5.36	26.8	Methylene Chloride	ND	1	125	11.2	44.6
Hexane	ND	1	250	22.3	112	Ethyl Acetate	ND	1	400	35.7	179
Chloroform	ND	1	2	0.123	0.893	1,2-Dichloroethane	ND	1	2	0.161	0.893
Benzene	ND	1	1	0.0512	0.0893	Heptane	ND	1	5000	89.3	223
Trichloroethene (Trichloroethylene)	ND	1	25	2.23	11.2	Toluene	ND	1	150	13.4	67.0
m/p-Xylenes	ND	1	100	6.70	26.8	o-xylene	ND	1	50	6.70	26.8

Water Activity by REH

Batch: B5H0423 Prep By: 1030 Ana. By: 1054 Initial (g): 0.1035
 SOP: MCS-SOP-G03 Prep On: 8/5/25 09:30 Ana. On: 8/5/25 16:15 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.39	1	0.85	0.040	0.040

Foreign Matter

Batch: B5H0501 Prep By: 1054 Ana. By: 1054 Initial (g): 1
 SOP: MCS-SOP-G01 Prep On: 8/5/25 09:10 Ana. On: 8/5/25 09:25 Final (g): 1

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

Sample Matrix: Tincture (MCT)
 Cultivar: SUNO
 Product Name: SUNO - SATIVA - TINCTURE

Lab ID: **JH04008-01**
 Received: 08/04/25 17:21
 Completed: 08/06/25 16:55

Pesticides by LC-QQQ

Batch: B5H0420 Prep By: 1030 Ana. By: 1067 Initial (g): 0.1042
 SOP: MCS-SOP-001b Prep On: 8/5/25 09:11 Ana. On: 8/5/25 16:05 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	17.4	48.0	Acephate	ND	10	3000	11.9	48.0
Acequinocyl	ND	10	2000	7.10	48.0	Acetamiprid	ND	10	3000	6.14	48.0
Aldicarb	ND	10	100	18.0	48.0	Azoxystrobin	ND	10	3000	8.83	24.0
Bifenazate	ND	10	3000	9.12	24.0	Bifenthrin	ND	10	500	7.39	48.0
Boscalid	ND	10	3000	28.0	48.0	Chlorpyrifos	ND	10	100	8.16	24.0
Carbaryl	ND	10	500	15.0	48.0	Carbofuran	ND	10	100	7.10	12.0
Chlorantraniliprole	ND	10	3000	15.4	120	Chlormequat chloride	ND	10	3000	5.95	48.0
Clofentezine	ND	10	500	9.40	96.0	Coumaphos	ND	10	100	13.1	24.0
Cyfluthrin	ND	10	1000	73.6	192	Cypermethrin	ND	10	1000	18.4	120
Daminozide	ND	10	100	15.0	48.0	Diazinon	ND	10	200	5.28	24.0
Dichlorvos	ND	10	100	19.1	48.0	Dimethoate	ND	10	100	2.21	12.0
Dimethomorph, Total	ND	10	3000	5.85	48.0	Ethoprophos	ND	10	100	10.2	12.0
Etofenprox	ND	10	100	7.97	48.0	Etoazole	ND	10	1500	7.10	48.0
Fenhexamid	ND	10	3000	9.50	48.0	Fenoxycarb	ND	10	100	8.64	24.0
Fenpyroximate	ND	10	2000	4.32	48.0	Fipronil	ND	10	100	22.7	48.0
Fonicamid	ND	10	2000	8.06	48.0	Fludioxonil	ND	10	3000	16.9	48.0
Hexythiazox	ND	10	2000	5.85	48.0	Imazalil	ND	10	100	10.3	48.0
Imidacloprid	ND	10	3000	8.73	96.0	Kresoxim-Methyl	ND	10	1000	8.54	48.0
Malathion	ND	10	2000	28.0	48.0	Metalaxyl	ND	10	3000	9.50	48.0
Methiocarb	ND	10	100	17.6	48.0	Methomyl	ND	10	100	3.74	24.0
Mevinphos	ND	10	100	10.2	48.0	Myclobutanil	ND	10	3000	13.7	48.0
Dibrom (Naled)	ND	10	500	18.3	48.0	Oxamyl	ND	10	500	4.03	12.0
Paclobutrazol	ND	10	100	14.1	48.0	Permethrin	ND	10	1000	7.68	48.0
Phosmet	ND	10	200	8.64	48.0	Piperonyl butoxide	ND	10	3000	19.2	48.0
Prallethrin	ND	10	400	11.2	24.0	Propiconazole (Tilt)	ND	10	1000	8.64	48.0
Pyridaben	ND	10	3000	2.98	48.0	Pyrethrins, Total	ND	10	1000	10.4	48.0
Spinetoram, Total	ND	10	3000	6.43	48.0	Spiromesifen	ND	10	3000	7.01	12.0
Spirotetramat	ND	10	3000	8.45	48.0	Spiroxamine	ND	10	100	4.80	48.0
Tebuconazole	ND	10	1000	7.58	48.0	Thiacloprid	ND	10	100	3.17	48.0
Thiamethoxam	ND	10	1000	4.32	96.0	Trifloxystrobin	ND	10	3000	7.87	48.0
Baygon (Propoxur)	ND	10	100	5.66	48.0	Spinosad, Total	ND	10	3000	8.54	34.8

Pesticides by GC-QQQ

Batch: B5H0420 Prep By: 1030 Ana. By: 1039 Initial (g): 0.1042
 SOP: MCS-SOP-001a Prep On: 8/5/25 09:11 Ana. On: 8/6/25 04:28 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	32.9	72.0	Methyl parathion	ND	5	100	16.4	72.0
Captan	ND	5	3000	47.3	72.0	Chlordane, Total	ND	5	100	37.4	72.0
Chlorfenapyr	ND	5	100	41.8	72.0						

Mycotoxins by LC-QQQ

Batch: B5H0420 Prep By: 1030 Ana. By: 1067 Initial (g): 0.1042
 SOP: MCS-SOP-001b Prep On: 8/5/25 09:11 Ana. On: 8/5/25 22:11 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	5.64	9.60	Ochratoxin A	ND	10	20	4.84	9.60
Aflatoxin G2	ND	10	20	14.3	19.2	Aflatoxin G1	ND	10	20	6.22	14.4
Aflatoxin B2	ND	10	20	7.45	14.4	Aflatoxin B1	ND	10	20	5.64	9.60

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Total Metals by ICP-MS

Batch: B5H0422
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 8/5/25 12:55

Ana. By: 1005
 Ana. On: 8/5/25 15:49

Initial (g): 0.2593
 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	19.3	96.4	Cadmium	ND	1	500	19.3	96.4
Lead	ND	1	500	48.2	241	Mercury	ND	1	3000	19.3	48.2

Microbials by qPCR

Batch: B5H0410
 SOP: MCS-SOP-M01

Prep By: 1058
 Prep On: 8/5/25 09:41

Ana. By: 1005
 Ana. On: 8/6/25 11:58

Initial (g): 1
 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: B5H0411
 SOP: MCS-SOP-M01

Prep By: 1005
 Prep On: 8/5/25 11:50

Ana. By: 1005
 Ana. On: 8/5/25 12:40

Initial (g): 1.0008
 Final (g): 7

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