



## Goldflower

**Cultivation Facility:** Bradenton  
**Processing Facility:** Sarasota  
**Batch Date:** 07/29/2025  
**Batch Size:** 11714 g  
**Batch Unit Size:** 28.5 g  
**Units Sampled:** 4  
**Total Amt. Sampled:** 114 g  
**Seed to Sale ID:** 7201184899034313  
**QA Sample ID:** 0447768339825375

## LFIN-000044

**Laboratory ID:** JG30011-02  
**Sample Matrix:** Tincture (MCT)  
**Admin. Route:** Non-inhalation  
**Label Claim:** THC: -- mg | CBD: -- mg  
**Cultivar:** SUNO  
**Product Name:** SUNO - HYBRID - TINCTURE  
**Description:** 2025.07.29.SMR600.SUNO.FG  
**Sample Date:** 07/30/25  
**Received:** 07/30/25 16:33  
**Completed:** 08/01/25 17:06



### POTENCY SUMMARY (As Received)

**Total CBD**  
0.0684% (19.5 mg)

**Total THC**  
2.07% (590 mg)

**Total Cannabinoids**  
2.29% (653 mg)

Analyte	%	mg
delta 9-THC	2.05	584
CBD	0.0684	19.5
CBG	0.0681	19.4
CBN	0.0475	13.5
THCa	0.0304	8.66
THCV	0.0264	7.52
CBC	<LOQ	<LOQ
CBDa	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBGa	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ

### TERPENES SUMMARY (Top Ten)

Terpenes  
Not Tested

### ANALYSIS SUMMARY

<b>Potency</b>	Completed	<b>Homogeneity</b>	Not Tested	<b>Terpenes</b>	Not Tested
<b>Residual Solvents</b>	PASS	<b>% Moisture</b>	Not Tested	<b>Water Activity</b>	PASS
<b>Foreign Matter</b>	PASS	<b>Pesticides</b>	PASS	<b>Mycotoxins</b>	PASS
<b>Heavy Metals</b>	PASS	<b>Microbials</b>	PASS	<b>Label Claim</b>	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-000044**

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

Lab ID: **JG30011-02**  
 Received: 07/30/25 16:33  
 Completed: 08/01/25 17:06

**Potency by HPLC**

Batch: B5G3019      Prep By: 1005      Ana. By: 1005      Initial (g): 0.1023  
 SOP: MCS-SOP-002      Prep On: 7/30/25 16:58      Ana. On: 7/31/25 18:18      Final (g): 10

Analyte ( % )	Result	Diln	MDL	PQL	Analyte ( % )	Result	Diln	MDL	PQL
Total THC	2.07	10	0.0126	0.0978	Total CBD	0.0684	1	0.00193	0.00978
delta 8-THC	ND	1	0.000616	0.00978	delta 9-THC	2.05	10	0.00674	0.0978
THCa	0.0304	1	0.000665	0.00978	THCV	0.0264	1	0.00143	0.00978
CBD	0.0684	1	0.00128	0.00978	CBDa	ND	1	0.000802	0.00978
CBDV	ND	1	0.000880	0.00978	CBC	ND	1	0.00295	0.00978
CBG	0.0681	1	0.000616	0.00978	CBGa	ND	1	0.000626	0.00978
CBN	0.0475	1	0.000743	0.00978					

**Residual Solvents by GC/MS-HS**

Batch: B5G3017      Prep By: 1005      Ana. By: 1028      Initial (g): 0.0233  
 SOP: MCS-SOP-003      Prep On: 7/30/25 16:50      Ana. On: 7/31/25 00:05      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	85.8	215	n-Butane	ND	1	5000	85.8	215
Methanol	ND	1	250	21.5	85.8	Ethylene Oxide	ND	1	5	0.429	2.15
Ethanol	ND	1	5000	429	515	Pentane	ND	1	750	64.4	215
Ethyl Ether	ND	1	500	42.9	215	Acetone	ND	1	750	64.4	215
1,1-Dichloroethylene	ND	1	8	0.264	1.29	Isopropyl Alcohol (2-Propanol)	ND	1	500	42.9	215
Acetonitrile	ND	1	60	5.15	25.8	Methylene Chloride	ND	1	125	10.7	42.9
Hexane	ND	1	250	21.5	107	Ethyl Acetate	ND	1	400	34.3	172
Chloroform	ND	1	2	0.118	0.858	1,2-Dichloroethane	ND	1	2	0.155	0.858
Benzene	ND	1	1	0.0492	0.0858	Heptane	ND	1	5000	85.8	215
Trichloroethene (Trichloroethylene)	ND	1	25	2.15	10.7	Toluene	ND	1	150	12.9	64.4
m/p-Xylenes	ND	1	100	6.44	25.8	o-xylene	ND	1	50	6.44	25.8

**Water Activity by REH**

Batch: B5G3023      Prep By: 1054      Ana. By: 1048      Initial (g): 0.103  
 SOP: MCS-SOP-G03      Prep On: 7/31/25 09:45      Ana. On: 7/31/25 13:35      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: B5G3024      Prep By: 1048      Ana. By: 1048      Initial (g): 1  
 SOP: MCS-SOP-G01      Prep On: 7/30/25 16:40      Ana. On: 7/30/25 16:45      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 - HYBRID - TINCTURE

Lab ID: **JG30011-02**  
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 Completed: 08/01/25 17:06

**Pesticides by LC-QQQ**

Batch: B5G3008      Prep By: 1030      Ana. By: 1067      Initial (g): 0.1046  
 SOP: MCS-SOP-001b      Prep On: 7/31/25 09:41      Ana. On: 7/31/25 18:53      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	17.3	47.8	Acephate	ND	10	3000	11.9	47.8
Acequinocyl	ND	10	2000	7.07	47.8	Acetamiprid	ND	10	3000	6.12	47.8
Aldicarb	ND	10	100	18.0	47.8	Azoxystrobin	ND	10	3000	8.80	23.9
Bifenazate	ND	10	3000	9.08	23.9	Bifenthrin	ND	10	500	7.36	47.8
Boscalid	ND	10	3000	27.9	47.8	Chlorpyrifos	ND	10	100	8.13	23.9
Carbaryl	ND	10	500	14.9	47.8	Carbofuran	ND	10	100	7.07	12.0
Chlorantraniliprole	ND	10	3000	15.3	120	Chlormequat chloride	ND	10	3000	5.93	47.8
Clofentezine	ND	10	500	9.37	95.6	Coumaphos	ND	10	100	13.0	23.9
Cyfluthrin	ND	10	1000	73.3	191	Cypermethrin	ND	10	1000	18.4	120
Daminozide	ND	10	100	14.9	47.8	Diazinon	ND	10	200	5.26	23.9
Dichlorvos	ND	10	100	19.0	47.8	Dimethoate	ND	10	100	2.20	12.0
Dimethomorph, Total	ND	10	3000	5.83	47.8	Ethoprophos	ND	10	100	10.1	12.0
Etofenprox	ND	10	100	7.93	47.8	Etoazole	ND	10	1500	7.07	47.8
Fenhexamid	ND	10	3000	9.46	47.8	Fenoxycarb	ND	10	100	8.60	23.9
Fenpyroximate	ND	10	2000	4.30	47.8	Fipronil	ND	10	100	22.7	47.8
Fonicamid	ND	10	2000	8.03	47.8	Fludioxonil	ND	10	3000	16.8	47.8
Hexythiazox	ND	10	2000	5.83	47.8	Imazalil	ND	10	100	10.2	47.8
Imidacloprid	ND	10	3000	8.70	95.6	Kresoxim-Methyl	ND	10	1000	8.51	47.8
Malathion	ND	10	2000	27.9	47.8	Metaxyl	ND	10	3000	9.46	47.8
Methiocarb	ND	10	100	17.5	47.8	Methomyl	ND	10	100	3.73	23.9
Mevinphos	ND	10	100	10.1	47.8	Myclobutanil	ND	10	3000	13.7	47.8
Dibrom (Naled)	ND	10	500	18.3	47.8	Oxamyl	ND	10	500	4.02	12.0
Paclobutrazol	ND	10	100	14.1	47.8	Permethrin	ND	10	1000	7.65	47.8
Phosmet	ND	10	200	8.60	47.8	Piperonyl butoxide	ND	10	3000	19.1	47.8
Prallethrin	ND	10	400	11.2	23.9	Propiconazole (Tilt)	ND	10	1000	8.60	47.8
Pyridaben	ND	10	3000	2.96	47.8	Pyrethrins, Total	ND	10	1000	10.3	47.8
Spinetoram, Total	ND	10	3000	6.41	47.8	Spiromesifen	ND	10	3000	6.98	12.0
Spirotetramat	ND	10	3000	8.41	47.8	Spiroxamine	ND	10	100	4.78	47.8
Tebuconazole	ND	10	1000	7.55	47.8	Thiacloprid	ND	10	100	3.15	47.8
Thiamethoxam	ND	10	1000	4.30	95.6	Trifloxystrobin	ND	10	3000	7.84	47.8
Baygon (Propoxur)	ND	10	100	5.64	47.8	Spinosad, Total	ND	10	3000	8.51	34.7

**Pesticides by GC-QQQ**

Batch: B5G3008      Prep By: 1030      Ana. By: 1039      Initial (g): 0.1046  
 SOP: MCS-SOP-001a      Prep On: 7/31/25 09:41      Ana. On: 8/1/25 02:57      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	32.7	71.7	Methyl parathion	ND	5	100	16.3	71.7
Captan	ND	5	3000	47.1	71.7	Chlordane, Total	ND	5	100	37.3	71.7
Chlorfenapyr	ND	5	100	41.7	71.7						

**Mycotoxins by LC-QQQ**

Batch: B5G3008      Prep By: 1030      Ana. By: 1067      Initial (g): 0.1046  
 SOP: MCS-SOP-001b      Prep On: 7/31/25 09:41      Ana. On: 8/1/25 01:55      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	5.62	9.56	Ochratoxin A	ND	10	20	4.82	9.56
Aflatoxin G2	ND	10	20	14.2	19.1	Aflatoxin G1	ND	10	20	6.20	14.3
Aflatoxin B2	ND	10	20	7.42	14.3	Aflatoxin B1	ND	10	20	5.62	9.56

**LFIN-000044**

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**Total Metals by ICP-MS**

Batch: B5G3022  
 SOP: MCS-SOP-I01

Prep By: 1029  
 Prep On: 7/31/25 08:43

Ana. By: 1005  
 Ana. On: 7/31/25 15:21

Initial (g): 0.2526  
 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	19.8	99.0	Cadmium	ND	1	500	19.8	99.0
Lead	ND	1	500	49.5	247	Mercury	ND	1	3000	19.8	49.5

**Microbials by qPCR**

Batch: B5G3010  
 SOP: MCS-SOP-M01

Prep By: 1058  
 Prep On: 7/31/25 09:18

Ana. By: 1058  
 Ana. On: 8/1/25 11:13

Initial (g): 1.0028  
 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: B5G3011  
 SOP: MCS-SOP-M01

Prep By: 1053  
 Prep On: 7/31/25 11:15

Ana. By: 1053  
 Ana. On: 7/31/25 12:27

Initial (g): 1.0005  
 Final (g): 7

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