Certificate of Analysis

ISO/IEC 17025:2017 Accredited

Natures Way Creating Better Days

10061 Amberwood Rd., Fort Myers, FL 33913
1(800) 215-0223

0725005723 25mg Delta 9 25mg CBD Tropical Thunder

Description: --
Sample Date: 07/30/25
Sample Matrix: Gummy
Unit Size: 9 g

Lab ID: **JG30017-01**
Received: 07/30/25 16:27
Completed: 08/04/25 14:03

POTENCY DETAILS

Total Active Cannabinoids **0.517% (46.5 mg)**	CBD **0.261% (23.5 mg)**
Total THC **0.247% (22.2 mg)**	CBDA **<LOQ%**
Total CBD **0.261% (23.5 mg)**	CBDV **<LOQ%**
D9 THC **0.247% (22.2 mg)**	CBC **<LOQ%**
D8 THC **0.00888% (0.799 mg)**	CBG **<LOQ%**
THCA **<LOQ%**	CBGA **<LOQ%**
THCV **<LOQ%**	CBN **<LOQ%**

TERPENES

Terpenes

Not Tested

ANALYSIS SUMMARY

Potency	PASS	**Foreign Matter**	PASS
Heavy Metals	PASS	**Homogeneity**	Not Tested
Microbials	PASS	**Water Activity**	PASS
Mycotoxins	PASS	**Pesticides**	PASS
% Moisture	Not Tested	**Residual Solvents**	PASS
Terpenes	Not Tested		

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

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Richard Dillen
Laboratory Director

Accreditation #102020

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Potency by HPLC

Batch: B5G3106 **SOP:** MCS-SOP-O02 **Prep By:** 1005 **Prep On:** 7/31/25 16:13 **Ana. By:** 1005 **Ana. On:** 7/31/25 19:38 **Initial (g):** 1.0015 **Final (g):** 10

Analyte (%)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (%)	Result	Diln	Reg. Limit	MDL	PQL
Total THC	0.247	10	0.3	0.00320	0.0468	Total CBD	0.261	10		0.00489	0.0468
delta 8-THC	0.00888	10		0.00160	0.0250	delta 9-THC	0.247	10	0.3	0.00170	0.0250
THCa	ND	10		0.00170	0.0250	THCV	ND	10		0.00359	0.0250
CBD	0.261	10		0.00330	0.0250	CBDa	ND	10		0.00200	0.0250
CBDV	ND	10		0.00220	0.0250	CBC	ND	10		0.00749	0.0250
CBG	ND	10		0.00160	0.0250	CBGa	ND	10		0.00160	0.0250
CBN	ND	10		0.00190	0.0250						

Residual Solvents by GC/MS-HS

Batch: B5G3104 **SOP:** MCS-SOP-O03 **Prep By:** 1005 **Prep On:** 7/31/25 16:51 **Ana. By:** 1028 **Ana. On:** 7/31/25 20:34 **Initial (g):** 0.0235 **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	85.1	213	n-Butane	ND	1	5000	85.1	213
Methanol	ND	1	250	21.3	85.1	Ethylene Oxide	ND	1	5	0.426	2.13
Ethanol	ND	1	5000	85.1	213	Pentane	ND	1	750	63.8	213
Ethyl Ether	ND	1	500	42.6	213	Acetone	ND	1	750	63.8	213
1,1-Dichloroethylene	ND	1	8	0.261	1.28	Isopropyl Alcohol (2-Propanol)	ND	1	500	42.6	213
Acetonitrile	ND	1	60	5.11	25.5	Methylene Chloride	ND	1	125	10.6	42.6
Hexane	ND	1	250	21.3	106	Ethyl Acetate	ND	1	400	34.0	170
Chloroform	ND	1	2	0.117	0.851	1,2-Dichloroethane	ND	1	2	0.153	0.851
Benzene	ND	1	1	0.0488	0.0851	Heptane	ND	1	5000	85.1	213
Trichloroethene (Trichloroethylene)	ND	1	25	0.229	1.28	Toluene	ND	1	150	12.8	63.8
m/p-Xylenes	ND	1	100	6.38	25.5	o-xylene	ND	1	50	6.38	25.5

Water Activity by REH

Batch: B5G3110 **SOP:** MCS-SOP-G03 **Prep By:** 1005 **Prep On:** 7/31/25 16:23 **Ana. By:** 1005 **Ana. On:** 8/1/25 09:33 **Initial (g):** 0.1023 **Final (g):** 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.72	1	0.85	0.040	0.040

Foreign Matter

Batch: B5G3123 **SOP:** MCS-SOP-G01 **Prep By:** 1048 **Prep On:** 7/31/25 16:35 **Ana. By:** 1048 **Ana. On:** 7/31/25 16:40 **Initial (g):** 1 **Final (g):** 1

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

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Pesticides by LC-QQQ

Batch: B5G3109 **SOP:** MCS-SOP-O01b **Prep By:** 1005 **Prep On:** 7/31/25 16:28 **Ana. By:** 1056 **Ana. On:** 8/1/25 19:42 **Initial (g):** 1.0011 **Final (g):** 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	ND	10	300	12.3	49.9	Acephate	ND	10	3000	9.77	25.0
Acequinocyl	ND	10	2000	11.7	49.9	Acetamiprid	ND	10	3000	15.1	25.0
Aldicarb	ND	10	100	12.9	25.0	Azoxystrobin	ND	10	3000	3.26	9.99
Bifenazate	ND	10	3000	3.67	25.0	Bifenthrin	ND	10	500	9.43	12.5
Boscalid	ND	10	3000	18.2	49.9	Carbaryl	ND	10	500	7.22	25.0
Carbofuran	ND	10	100	2.29	12.5	Chlorantraniliprole	ND	10	3000	5.11	125
Chlormequat chloride	ND	10	3000	9.35	49.9	Chlorpyrifos	ND	10	100	4.42	25.0
Clofentezine	ND	10	500	14.9	25.0	Coumaphos	ND	10	100	4.49	25.0
Cyfluthrin	ND	10	1000	26.7	49.9	Cypermethrin	ND	10	1000	11.4	125
Daminozide	ND	10	100	6.32	49.9	Diazinon	ND	10	200	3.19	12.5
Dichlorvos	ND	10	100	5.79	49.9	Dimethoate	ND	10	100	1.29	12.5
Dimethomorph, Total	ND	10	3000	2.50	49.9	Ethoprophos	ND	10	100	2.36	12.5
Etofenprox	ND	10	100	12.7	25.0	Etoxazole	ND	10	1500	15.4	25.0
Fenhexamid	ND	10	3000	5.41	49.9	Fenoxycarb	ND	10	100	4.68	25.0
Fenpyroximate	ND	10	2000	5.52	12.5	Fipronil	ND	10	100	14.3	49.9
Flonicamid	ND	10	2000	6.91	25.0	Fludioxonil	ND	10	3000	11.0	49.9
Hexythiazox	ND	10	2000	5.86	12.5	Imazalil	ND	10	100	9.60	49.9
Imidacloprid	ND	10	3000	17.3	25.0	Kresoxim-Methyl	ND	10	1000	7.61	25.0
Malathion	ND	10	2000	10.7	49.9	Metalaxyl	ND	10	3000	4.47	12.5
Methiocarb	ND	10	100	11.8	25.0	Methomyl	ND	10	100	4.42	12.5
Mevinphos	ND	10	100	9.28	25.0	Myclobutanil	ND	10	3000	16.3	25.0
Dibrom (Naled)	ND	10	500	6.03	49.9	Oxamyl	ND	10	500	2.33	12.5
Paclobutrazol	ND	10	100	12.2	25.0	Permethrin	ND	10	1000	16.3	25.0
Phosmet	ND	10	200	9.16	25.0	Piperonyl butoxide	ND	10	3000	5.81	12.5
Prallethrin	ND	10	400	5.51	25.0	Propiconazole (Tilt)	ND	10	1000	17.9	49.9
Baygon (Propoxur)	ND	10	100	5.44	12.5	Pyrethrins, Total	ND	10	1000	11.0	49.9
Pyridaben	ND	10	3000	6.25	12.5	Spinetoram, Total	ND	10	3000	11.7	49.9
Spiromesifen	ND	10	3000	2.24	12.5	Spirotetramat	ND	10	3000	6.67	25.0
Spiroxamine	ND	10	100	6.81	12.5	Tebuconazole	ND	10	1000	19.0	25.0
Thiacloprid	ND	10	100	14.4	25.0	Thiamethoxam	ND	10	1000	15.9	25.0
Trifloxystrobin	ND	10	3000	6.04	12.5	Spinosad, Total	ND	10	3000	4.44	36.2

Pesticides by GC-QQQ

Batch: B5G3109 **SOP:** MCS-SOP-O01a **Prep By:** 1005 **Prep On:** 7/31/25 16:28 **Ana. By:** 1039 **Ana. On:** 8/1/25 21:33 **Initial (g):** 1.0011 **Final (g):** 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintoze	ND	5	200	34.2	74.9	Methyl parathion	ND	5	100	17.1	74.9
Captan	ND	5	3000	49.2	74.9	Chlordane, Total	ND	5	100	39.0	74.9
Chlorfenapyr	ND	5	100	43.6	74.9						

Mycotoxins by LC-QQQ

Batch: B5G3109 **SOP:** MCS-SOP-O01b **Prep By:** 1005 **Prep On:** 7/31/25 16:28 **Ana. By:** 1056 **Ana. On:** 8/1/25 16:32 **Initial (g):** 1.0011 **Final (g):** 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	ND	10	20	9.99	9.99	Ochratoxin A	ND	10	20	2.52	9.99
Aflatoxin G2	ND	10	20	7.46	9.99	Aflatoxin G1	ND	10	20	3.24	9.99
Aflatoxin B2	ND	10	20	3.88	9.99	Aflatoxin B1	ND	10	20	2.94	9.99

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Total Metals by ICP-MS

Batch: B5H0109 **SOP:** MCS-SOP-I01 **Prep By:** 1029 **Prep On:** 8/4/25 11:23 **Ana. By:** 1005 **Ana. On:** 8/4/25 13:22 **Initial (g):** 0.2519 **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	99.2	Cadmium	ND	1	500	19.8	99.2
Lead	ND	1	500	49.6	248	Mercury	ND	1	3000	19.8	49.6

Microbials by qPCR

Batch: B5G3101 **SOP:** MCS-SOP-M01 **Prep By:** 1053 **Prep On:** 7/31/25 16:24 **Ana. By:** 1053 **Ana. On:** 8/1/25 17:41 **Initial (g):** 1.0015 **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: B5G3102 **SOP:** MCS-SOP-M01 **Prep By:** 1005 **Prep On:** 8/1/25 10:28 **Ana. By:** 1005 **Ana. On:** 8/1/25 11:28 **Initial (g):** 1.0015 **Final (g):** 7

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