

TPM-MT-1500

 Sample ID: SA-250423-60726
 Batch: 5961L1
 Type: Finished Product - Ingestible
 Matrix: Oil / Liquid - MCT Oil
 Unit Mass (g):

 Received: 04/24/2025
 Completed: 05/21/2025

Summary

Test	Date Tested	Status
Cannabinoids	05/02/2025	Tested
Melatonin	05/21/2025	Tested

ND	44.4 mg/mL	57.2 mg/mL	Not Tested	Not Tested	Yes
Total Δ9-THC	Total CBD	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

Cannabinoids by HPLC-PDA

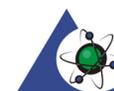
Analyte	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (%)	Result (mg/unit)
CBC	0.00095	0.00284	ND	ND	ND
CBCA	0.00181	0.00543	ND	ND	ND
CBCV	0.0006	0.0018	ND	ND	ND
CBD	0.00081	0.00242	44.42206	4.72	1330
CBDA	0.00043	0.0013	ND	ND	ND
CBDV	0.00061	0.00182	0.22525	0.0239	6.76
CBDVA	0.00021	0.00063	ND	ND	ND
CBG	0.00057	0.00172	0.60698	0.0645	18.2
CBGA	0.00049	0.00147	ND	ND	ND
CBL	0.00112	0.00335	ND	ND	ND
CBLA	0.00124	0.00371	ND	ND	ND
CBN	0.00056	0.00169	11.92779	1.27	358
CBNA	0.0006	0.00181	ND	ND	ND
CBT	0.0018	0.0054	ND	ND	ND
Δ4,8-iso-THC	0.0067	0.02	NT	NT	NT
Δ8-iso-THC	0.0067	0.02	NT	NT	NT
Δ8-THC	0.00104	0.00312	ND	ND	ND
Δ8-THCV	0.0067	0.02	NT	NT	NT
Δ9-THC	0.00076	0.00227	ND	ND	ND
Δ9-THCA	0.00084	0.00251	ND	ND	ND
Δ9-THCV	0.00069	0.00206	ND	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND	ND
exo-THC	0.0067	0.02	NT	NT	NT
Total Δ9-THC			ND	ND	ND
Total			57.2	6.07	1720

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



 Generated By: Ryan Bellone
 Commercial Director
 Date: 05/21/2025



 Tested By: Nicholas Howard
 Scientist
 Date: 05/02/2025

 ISO/IEC 17025:2017 Accredited
 Accreditation #108651


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Melatonin

Analyte	Result	Unit	LOD	LOQ
Melatonin	6.62	mg/mL		



 Generated By: Ryan Bellone
 Commercial Director
 Date: 05/21/2025

 NEW BLOOM LABS
 6121 Heritage Park Drive
 Suite A500
 Chattanooga, TN 37146

 Tested By: Subcontracted Laboratory
 Date: 05/21/2025


TPM-MT-1500

 Sample ID: SA-250516-62109
 Lot: 5961L1
 Type: Finished Product - Ingestible
 Matrix: Oil / Liquid - MCT Oil

 Received: 05/19/2025
 Completed: 05/27/2025

Summary

Test	Date Tested	Status
Heavy Metals	05/22/2025	Tested
Microbials	05/27/2025	Tested
Mycotoxins	05/22/2025	Tested
Pesticides	05/22/2025	Tested
Residual Solvents	05/21/2025	Tested

Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	0.002	0.02	ND
Cadmium	0.001	0.02	ND
Lead	0.002	0.02	ND
Mercury	0.012	0.05	ND

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 05/27/2025



 Tested By: Natalia Wright
 Laboratory Technician
 Date: 05/22/2025


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Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	30	100	ND	Hexythiazox	30	100	ND
Acephate	30	100	ND	Imazalil	30	100	ND
Acetamiprid	30	100	ND	Imidacloprid	30	100	ND
Aldicarb	30	100	ND	Kresoxim methyl	30	100	ND
Azoxystrobin	30	100	ND	Malathion	30	100	ND
Bifenazate	30	100	ND	Metaxyl	30	100	ND
Bifenthrin	30	100	ND	Methiocarb	30	100	ND
Boscalid	30	100	ND	Methomyl	30	100	ND
Carbaryl	30	100	ND	Mevinphos	30	100	ND
Carbofuran	30	100	ND	Myclobutanil	30	100	ND
Chloranthraniliprole	30	100	ND	Naled	30	100	ND
Chlorfenapyr	30	100	ND	Oxamyl	30	100	ND
Chlorpyrifos	30	100	ND	Paclobutrazol	30	100	ND
Clofentezine	30	100	ND	Phosmet	30	100	ND
Coumaphos	30	100	ND	Piperonyl Butoxide	30	100	ND
Diazinon	30	100	ND	Prallethrin	30	100	ND
Dichlorvos	30	100	ND	Propiconazole	30	100	ND
Dimethoate	30	100	ND	Propoxur	30	100	ND
Dimethomorph	30	100	ND	Pyrethrins	30	100	ND
Ethoprophos	30	100	ND	Pyridaben	30	100	ND
Etofenprox	30	100	ND	Spinetoram	30	100	ND
Etoxazole	30	100	ND	Spinosad	30	100	ND
Fenhexamid	30	100	ND	Spiromesifen	30	100	ND
Fenoxycarb	30	100	ND	Spirotetramat	30	100	ND
Fenpyroximate	30	100	ND	Spiroxamine	30	100	ND
Fipronil	30	100	ND	Tebuconazole	30	100	ND
Fonicamid	30	100	ND	Thiacloprid	30	100	ND
Fludioxonil	30	100	ND	Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 05/27/2025



 Tested By: Anthony Mattingly
 Scientist
 Date: 05/22/2025


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Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
Ochratoxin A	1	5	ND

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 Commercial Director
 Date: 05/27/2025



 Tested By: Anthony Mattingly
 Scientist
 Date: 05/22/2025


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Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	10	10.0	
Bile-tolerant gram-negative bacteria	10	ND	
Listeria spp.			Not Detected per 1 gram
Salmonella spp.			Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)			Not Detected per 1 gram
Total yeast and mold count (TYMC)	10	ND	

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 05/27/2025



 Tested By: Kelly Jones
 Microbiologist
 Date: 05/27/2025


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Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	167	500	ND
Benzene	0.5	1	ND	n-Hexane	10	29	ND
Butane	167	500	ND	Isobutane	167	500	ND
1-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanol	167	500	ND	Isopropyl Alcohol	167	500	ND
2-Butanone	167	500	ND	Isopropylbenzene	167	500	ND
Chloroform	2	6	ND	Methanol	100	300	ND
Cyclohexane	129	388	ND	2-Methylbutane	10	29	ND
1,2-Dichloroethane	0.5	1	ND	Methylene Chloride	20	60	ND
1,2-Dimethoxyethane	4	10	ND	2-Methylpentane	10	29	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	167	500	ND
2,2-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	10	29	ND	n-Propane	167	500	ND
N,N-Dimethylformamide	30	88	ND	1-Propanol	167	500	ND
2,2-Dimethylpropane	167	500	ND	Pyridine	7	20	ND
1,4-Dioxane	13	38	ND	Tetrahydrofuran	24	72	ND
Ethanol	167	500	ND	Toluene	30	89	ND
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	167	500	ND	Xylenes (o-, m-, and p-)	73	217	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 05/27/2025



 Tested By: Kelsey Rogers
 Scientist
 Date: 05/21/2025
