

Certificate of Analysis



Mayflower Medicinals
MC 282690
1100 Innovation Way FKA Lot 183
Fall River, MA 02722
United States

G7 Lab LLC
160 Ayer Road, STE 3
Littleton, MA 01460
United States
<https://g7lab.com>



Summary



Sample ID	CON-0684
Batch ID	B-8750
Client Batch ID	1A40A030000E809000013965
Client	Mayflower Medicinals
Metric Tag	1A40A030000E809000013966
COC Client SID	M00004061901: Cheetah Super Boof Bulk Vapes 1.0g
COC Client BID	BOOF250926_FF, BOOF251105_FF
Sanitized	No
Remediated	No
Sample Type	Inhalable Concentrate
Specification	CONCENTRATE, EXTRACTS & RESIN (Lab)
Date Received	2025-12-19 16:55
Date of Analysis	2025-12-24 20:06
Date Reported	2025-12-24 20:06
Reported by	SG902 (G7LAB@G7LAB.COM)

Results for CON-0684

Water Chemistry	Result	Unit	Range
Moisture Content by Gravimetric Method	2.08	Wt. %	
SOP: G7TECH15. Analyst: SG902, JA903			

Summary of Analysis	Result	Unit	Range
Potency	Tested		
Mycotoxins	Pass		
Microbiology	Pass		
Heavy Metals	Pass		
Terpenes	Tested		
Residual Solvents	Pass		

Potency Calculations	Result	Unit	Range
Total Potency	91.71	Wt. %	
★ Total CBD=CBD+CBDAX0.877	0.00	Wt. %	
★ Total THC=THC+THCAX0.877	86.25	Wt. %	

Potency by HPLC-DAD	Result	Unit	Range
★ CBDVA	< LOQ	Wt. %	
★ CBDV	< LOQ	Wt. %	
★ CBDA	< LOQ	Wt. %	
★ CBGA	1.69	Wt. %	
★ CBG	1.53	Wt. %	
★ CBD	< LOQ	Wt. %	
★ THCV	1.15	Wt. %	
★ THCVA	< LOQ	Wt. %	
★ CBN	< LOQ	Wt. %	
★ CBNA	< LOQ	Wt. %	
★ Delta 9 THC	78.44	Wt. %	
★ Delta 8 THC	< LOQ	Wt. %	
★ CBL	< LOQ	Wt. %	
★ CBC	< LOQ	Wt. %	
★ Delta 9 THCA	8.90	Wt. %	

SOP: G7TECH01. Analyst: SG902, JA903

Potency by HPLC-DAD	Result	Unit	Range
★ CBCA	< LOQ	Wt. %	

SOP: G7TECH01. Analyst: SG902, JA903

PGR & Mycotoxins by LCMS/MS	Result	Unit	Range
★ Aflatoxin B1	< LOQ	ug/kg	
★ Aflatoxin B2	< LOQ	ug/kg	
★ Aflatoxin G1	< LOQ	ug/kg	
★ Aflatoxin G2	< LOQ	ug/kg	
★ Ochratoxin A	< LOQ	ug/kg	0 - 20

Total Aflatoxins=B1+B2+G1+G2+OA

< LOQ ug/kg 0 - 20

SOP: G7TECH03. Analyst: SG902, JA903

Microbiology PCR	Result	Unit	Range
★ STEC(E. Coli) by RT-PCR	Not Detected		
★ Salmonella by RT-PCR	Not Detected		
★ Total Viable Aerobic Bacteria by PCR	< LOQ	CFU/g	0 - 10000
★ Enterobacteriaceae by PCR	< LOQ	CFU/g	0 - 100
★ Total Coliforms by PCR	< LOQ	CFU/g	0 - 100
★ Total Yeast Mold by PCR	< LOQ	CFU/g	0 - 1000

SOP: G7 TECH05, G7TECH08. Analyst: SG902, JA903

Heavy Metals by ICP-MS	Result	Unit	Range
★ Arsenic	< LOQ	ug/kg	0 - 200
★ Cadmium	< LOQ	ug/kg	0 - 200
★ Lead	< LOQ	ug/kg	0 - 500
★ Mercury	< LOQ	ug/kg	0 - 100

SOP: G7TECH02. Analyst: SG902, JA903

Residual Solvents by HSGC-FID	Result	Unit	Range
Acetone	< LOQ	ppm	0 - 5000
Acetonitrile	< LOQ	ppm	0 - 410
Isopropanol	< LOQ	ppm	0 - 5000
Methanol	< LOQ	ppm	0 - 3000

SOP: G7TECH11. Analyst: SG902, JA903

Residual Solvents by HSGC-FID	Result	Unit	Range
n-Heptane	< LOQ	ppm	0 - 5000
★ n-Butane	< LOQ	ppm	0 - 12
★ Isobutane	< LOQ	ppm	0 - 12
★ Propane	< LOQ	ppm	0 - 12
★ Neo-Pentane	< LOQ	ppm	
★ Ethanol	< LOQ	ppm	0 - 5000
★ n-Hexane	< LOQ	ppm	0 - 290

SOP: G7TECH11. Analyst: SG902, JA903

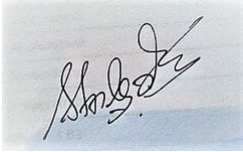
Terpenes by HSGC-FID	Result	Unit	Range
Total Terpenes	2.09	Wt. %	
α-Pinene	0.10	Wt. %	
Camphene	0.03	Wt. %	
β-Myrcene	0.06	Wt. %	
β-Pinene	< LOQ	Wt. %	
δ-3-Carene	0.01	Wt. %	
α-Terpinene	0.01	Wt. %	
α-Ocimene	0.01	Wt. %	
D-Limonene	1.65	Wt. %	
p-Cymene	0.01	Wt. %	
Eucalyptol	< LOQ	Wt. %	
γ-Terpinene	< LOQ	Wt. %	
Terpinolene	0.01	Wt. %	
Linalool	0.10	Wt. %	
Isopulegol	< LOQ	Wt. %	
Geraniol	0.01	Wt. %	
β-Caryophyllene	0.01	Wt. %	
α-Humulene	0.06	Wt. %	
Nerolidol	0.01	Wt. %	
Guaiol	< LOQ	Wt. %	
Caryophyllene oxide	< LOQ	Wt. %	
α-Bisabolol	0.01	Wt. %	

SOP: G7TECH12. Analyst: SG902, JA903

Vitamin E Acetate by LCMS/MS	Result	Unit	Range
★ Vitamin E Acetate by LCMS/MS	< LOQ	mg/kg	

SOP: G7TECH10. Analyst: SG902, JA903

Responsibles



Shankar Gautam
Technical Manager

Reported by
SG902 (G7LAB@G7LAB.COM)

△ Result out of client specified range.

★ Methods included in the PJLA Inc. schedule of Accreditation for this Laboratory. Analysis remarks are not accredited. Analysis results relate only to the samples tested as received.

All Massachusetts pass limits are specified in the most recent version of 935 CMR 500 & 935 CMR 501. Uncertainty information is available upon request. Decision rule (measurement of uncertainty) is not used to determine Pass/Fail. G7 Lab LLC makes no claim as to the safety, efficacy or other risks associated with detected or non-detected levels of analytes reported.

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