

Blueberry Muff

Sample ID: SA-250509-61582
 Batch: NA
 Type: Finished Product - Ingestible
 Matrix: Edible - Candy
 Unit Mass (g): 2.34153

Received: 12/15/2025
 Completed: 12/19/2025

Client
 Adult Candy Company
 115 8th St. S
 Moorhead, Minnesota 56560
 USA



Summary

Test	Date Tested	Status
Cannabinoids	12/19/2025	Tested
Heavy Metals	12/15/2025	Tested
Microbials	12/16/2025	Tested
Residual Solvents	12/16/2025	Tested

0.0492 %	3.25 %	3.58 %	Not Tested	Not Tested	Yes
Total Δ9-THC	Δ8-THC	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/unit)
CBG	0.00095	0.00284	ND	ND
CBGA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	ND	ND
CBDA	0.00043	0.0013	ND	ND
CBDV	0.00061	0.00182	ND	ND
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	ND	ND
CBGA	0.00049	0.00147	ND	ND
CBL	0.00112	0.00335	0.0102	0.239
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	0.0176	0.412
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ4,8-iso-THC	0.00067	0.002	0.217	5.09
Δ8-iso-THC	0.00067	0.002	0.0210	0.492
Δ8-THC	0.00104	0.00312	3.25	76.0
Δ8-THCV	0.00067	0.002	0.0221	0.517
Δ9-THC	0.00076	0.00227	0.0492	1.15
Δ9-THCA	0.00084	0.00251	ND	ND
Δ9-THCV	0.00069	0.00206	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND
exo-THC	0.00067	0.002	ND	ND
Total Δ9-THC			0.0492	1.15
Total			3.58	83.9

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: 12/19/2025

Tested By: Scott Caudill
 Laboratory Manager
 Date: 12/19/2025



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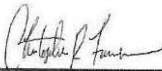
Moorhead, Minnesota 56560

USA

Heavy Metals by ICP-MS

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

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates


Generated By: Ryan Bellone
Commercial Director
Date: 12/19/2025
Tested By: Chris Farman
Scientist
Date: 12/15/2025

This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.

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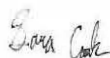
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Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	10	ND	
Total coliforms	10	ND	
Generic E. coli	10	ND	
Salmonella spp.	1		Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone
Commercial Director
Date: 12/19/2025Tested By: Sara Cook
Laboratory Technician
Date: 12/16/2025

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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: 12/19/2025

Tested By: Kelsey Rogers
 Scientist
 Date: 12/16/2025

