KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

+1-833-KCA-LABS
https://kcalabs.com
KDA Lic.# P_0058

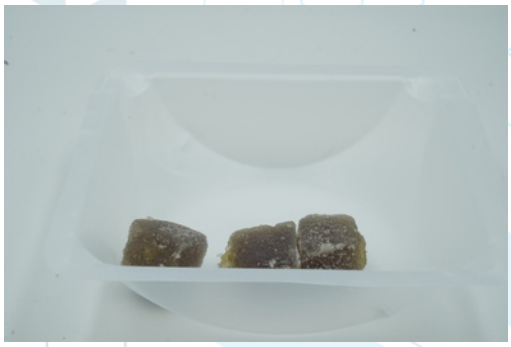
Certificate of Analysis

Grape Ape

Sample ID:SA-250509-61583
Batch: NA
Type: Finished Product - Ingestible
Matrix: Edible - Candy
Unit Mass (g): 2.6099

Received: 05/14/2025
Completed: 05/20/2025

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



Summary

Test	Date Tested	Status
Cannabinoids	05/20/2025	Tested
Heavy Metals	05/15/2025	Tested
Microbials	05/16/2025	Tested
Mycotoxins	05/16/2025	Tested
Pesticides	05/16/2025	Tested
Residual Solvents	05/16/2025	Tested

0.138 % Total Δ9-THC	3.49 % Δ8-THC	4.25 % Total Cannabinoids	Not Tested Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization

Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/unit)
CBC	0.00095	0.00284	ND	ND
CBCA	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
CBD VA	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	0.0188	0.491
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	0.0190	0.496
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ4,8-iso-THC	0.00067	0.002	0.524	13.7
Δ8-iso-THC	0.00067	0.002	0.0264	0.689
Δ8-THC	0.00104	0.00312	3.49	91.2
Δ8-THCV	0.00067	0.002	0.0335	0.874
Δ9-THC	0.00076	0.00227	0.138	3.61
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			0.138	3.61
Total THC			4.25	111

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: 05/20/2025

Tested By: Scott Caudill
Laboratory Manager
Date: 05/20/2025

ISO/IEC 17025:2017 Accredited
Accreditation #108651

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.

KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

+1-833-KCA-LABS
https://kcalabs.com
KDA Lic.# P_0058

Certificate of Analysis

Grape Ape

Sample ID:SA-250509-61583
Batch: NA
Type: Finished Product - Ingestible
Matrix: Edible - Candy
Unit Mass (g): 2.6099

Received: 05/14/2025
Completed: 05/20/2025

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

Heavy Metals by ICP-MS

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

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: 05/20/2025

Tested By: Chris Farman
Scientist
Date: 05/15/2025

Thisproduct orsubstance has been testedby KCA Laboratories usingvalidated testing methodologiesandan 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.

KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

+1-833-KCA-LABS
https://kcalabs.com
KDA Lic.# P_0058

Certificate of Analysis

Grape Ape

Sample ID:SA-250509-61583
Batch: NA
Type: Finished Product - Ingestible
Matrix: Edible - Candy
Unit Mass (g): 2.6099

Received: 05/14/2025
Completed: 05/20/2025

C lie nt
Adult Candy Company
115 8th St. S
Moorhead, Minnesota 56560
USA

Microbials by PCR and Plating

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

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: 05/20/2025

Tested By: Sara Cook
Laboratory Technician
Date: 05/16/2025

Thisproduct orsubstance has been testedby KCA Laboratories usingvalidated testing methodologiesand 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.

KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

+1-833-KCA-LABS
https://kcalabs.com
KDA Lic.# P_0058

Certificate of Analysis

Grape Ape

Sample ID:SA-250509-61583
Batch: NA
Type: Finished Product - Ingestible
Matrix: Edible - Candy
Unit Mass (g): 2.6099

Received: 05/14/2025
Completed: 05/20/2025

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

Residual Solvents by HS-GC-MS

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

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: 05/20/2025

Tested By: Kelsey Rogers
Scientist
Date: 05/16/2025

Thisproduct orsubstance has been testedby KCA Laboratories usingvalidated testing methodologiesand 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.