KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

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1 of 6

Atomic Grape Ape 3g Disposable

Sample ID: SA-230525-22018

Batch:

Type: Finished Product - Inhalable

Matrix: Concentrate - Vape

Unit Mass (g):

Received: 05/25/2023 Completed: 06/05/2023



Summary

Test Cannabinoids Foreign Matter Heavy Metals Microbials Mycotoxins **Pesticides** Terpenes

Date Tested 06/05/2023 05/26/2023 05/31/2023 06/01/2023 05/31/2023 05/31/2023 05/30/2023

Status Tested Tested Tested Tested Tested Tested Tested

ND Total Δ9-THC

88.4% Δ8-ΤΗС

95.7 % Total Cannabinoids

Not Tested Moisture Content **Not Detected** Foreign Matter

Internal Standard Normalization

Yes

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	0.129	1.29
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	0.308	3.08
CBDA	0.0043	0.013	2.88	28.8
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	0.170	1.70
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	1.00	10.0
CBNA	0.006	0.0181	ND	ND
CBT	0.018	0.054	ND	ND
Δ8-THC	0.0104	0.0312	88.4	884
Δ8-ΤΗСΡ	0.0067	0.02	0.0632	0.632
Δ8-THCV	0.0067	0.02	0.519	5.19
Δ9-ΤΗС	0.0076	0.0227	ND	ND
Δ9-ΤΗCΑ	0.0084	0.0251	ND	ND
Δ9-ТНСР	0.0067	0.02	2.04	20.4
Δ9-ΤΗCV	0.0069	0.0206	ND	ND
Δ9-ΤΗCVA	0.0062	0.0186	ND	ND
Δ8-iso-THC	0.0067	0.02	0.108	1.08
Δ4,8-iso-THC	0.0067	0.02	ND	ND
Total Δ9-THC			ND	ND
Total			95.7	957

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ 9-THC = Δ 9-THC + Δ 9-THC; Total CBD = CBDA * 0.877 + Δ 9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone CCO

Date: 06/05/2023

Tested By: Nicholas Howard Scientist Date: 06/05/2023









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Atomic Grape Ape 3g Disposable

Sample ID: SA-230525-22018 Batch:

Type: Finished Product - Inhalable

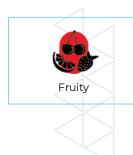
Matrix: Concentrate - Vape Unit Mass (g):

Received: 05/25/2023 Completed: 06/05/2023

Terpenes by GC-MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
- Dischalal							
α-Bisabolol	0.002	0.01	0.16297	Limonene	0.002	0.01	0.23895
(+)-Borneol	0.002	0.01	<loq< th=""><th>Linalool</th><th>0.002</th><th>0.01</th><th>0.34768</th></loq<>	Linalool	0.002	0.01	0.34768
Camphene	0.002	0.01	<loq< th=""><th>β-myrcene</th><th>0.002</th><th>0.01</th><th>1.03797</th></loq<>	β-myrcene	0.002	0.01	1.03797
Camphor	0.004	0.02	<loq< th=""><th>Nerol</th><th>0.002</th><th>0.01</th><th><loq< th=""></loq<></th></loq<>	Nerol	0.002	0.01	<loq< th=""></loq<>
3-Carene	0.002	0.01	ND	cis-Nerolidol	0.002	0.01	ND
β-Caryophyllene	0.002	0.01	0.69101	trans-Nerolidol	0.002	0.01	0.04583
Caryophyllene Oxide	0.002	0.01	0.01892	Ocimene	0.002	0.01	0.22223
α -Cedrene	0.002	0.01	0.01639	α -Phellandrene	0.002	0.01	0.28028
Cedrol	0.002	0.01	ND	α-Pinene	0.002	0.01	0.27827
Eucalyptol	0.002	0.01	ND	β-Pinene	0.002	0.01	0.12461
Fenchone	0.004	0.02	<loq< th=""><th>Pulegone</th><th>0.002</th><th>0.01</th><th>ND</th></loq<>	Pulegone	0.002	0.01	ND
Fenchyl Alcohol	0.002	0.01	0.02752	Sabinene	0.002	0.01	ND
Geraniol	0.002	0.01	0.01117	Sabinene Hydrate	0.002	0.01	<loq< th=""></loq<>
Geranyl Acetate	0.002	0.01	<loq< th=""><th>α-Terpinene</th><th>0.002</th><th>0.01</th><th><loq< th=""></loq<></th></loq<>	α-Terpinene	0.002	0.01	<loq< th=""></loq<>
Guaiol	0.002	0.01	0.02225	γ-Terpinene	0.002	0.01	<loq< th=""></loq<>
Hexadhydrothymol	0.002	0.01	<loq< th=""><th>α-Terpineol</th><th>0.001</th><th>0.005</th><th>0.02409</th></loq<>	α-Terpineol	0.001	0.005	0.02409
α -Humulene	0.002	0.01	0.29324	γ-Terpineol	0.001	0.005	ND
Isoborneol	0.002	0.01	ND	Terpinolene	0.002	0.01	0.05242
Isopulegol	0.002	0.01	ND	Valencene	0.002	0.01	0.41752
				Total Terpenes (%)			4.38

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















Generated By: Ryan Bellone CCO

Date: 06/05/2023

Tested By: Jasper van Heemst Principal Scientist Date: 05/30/2023

Mlums







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Atomic Grape Ape 3g Disposable

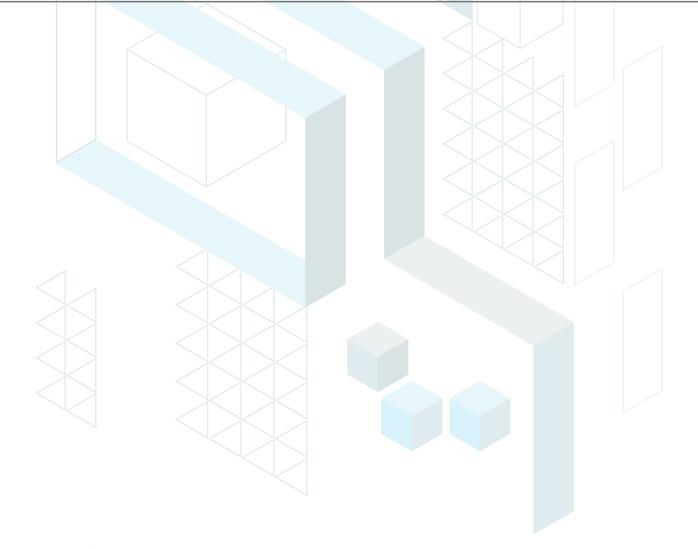
Sample ID: SA-230525-22018 Batch:

Type: Finished Product - Inhalable Matrix: Concentrate - Vape Unit Mass (g): Received: 05/25/2023 Completed: 06/05/2023

Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

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



Generated By: Ryan Bellone

CCO Date: 06/05/2023 Tested By: Kelsey Rogers Scientist Date: 05/31/2023



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Atomic Grape Ape 3g Disposable

Sample ID: SA-230525-22018

Batch: Type: Finished Product - Inhalable

Matrix: Concentrate - Vape Unit Mass (g):

Received: 05/25/2023 Completed: 06/05/2023

Pesticides by LC-MS/MS

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

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

Generated By: Ryan Bellone CCO

Date: 06/05/2023

Tested By: Jasper van Heemst Principal Scientist Date: 05/31/2023







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Atomic Grape Ape 3g Disposable

Sample ID: SA-230525-22018 Batch:

Type: Finished Product - Inhalable Matrix: Concentrate - Vape Unit Mass (g): Received: 05/25/2023 Completed: 06/05/2023

Mycotoxins by LC-MS/MS

B1 1 5 ND ND B2 1 5 ND	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	
	B1	1	5	ND	
	B2	1	5	ND	
GI ND	G1	1	5	ND	
G2 1 5 ND	G2	1	5	ND	
Ochratoxin A 1 5 ND	Ochratoxin A	1	5	ND	

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



Generated By: Ryan Bellone CCO

Date: 06/05/2023

Tested By: Jasper van Heemst Principal Scientist Date: 05/31/2023



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Atomic Grape Ape 3g Disposable

Sample ID: SA-230525-22018 Batch:

Unit Mass (g):

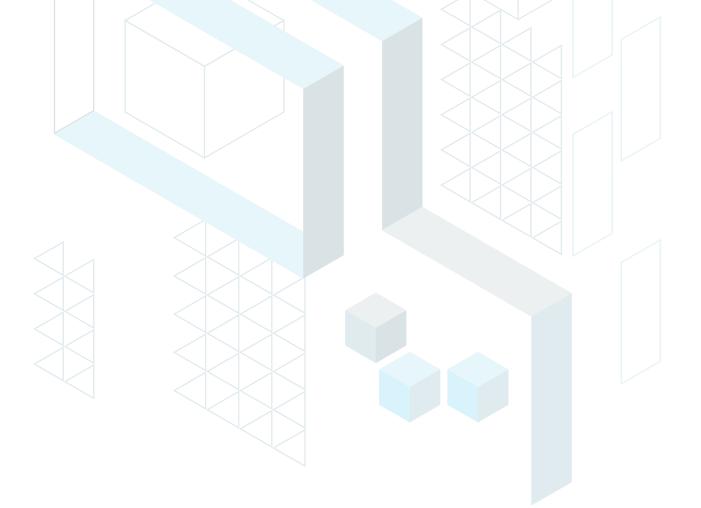
Type: Finished Product - Inhalable Matrix: Concentrate - Vape

Received: 05/25/2023 Completed: 06/05/2023

Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)
Total aerobic count		ND
Total coliforms	1	ND
Generic E. coli	1	ND
Salmonella spp.	1	ND
Shiga-toxin producing E. coli (STEC)	1	ND

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

CCO Date: 06/05/2023 Tested By: Lucy Jones Scientist Date: 06/01/2023

