

Orange Creamsicle

Sample ID: SA-230227-17457
 Batch: MDOCVAP-S1
 Type: Finished Products
 Matrix: Concentrate - Vape
 Unit Mass (g):

Received: 02/28/2023
 Completed: 03/10/2023

Client

Melee Dose
 7250 S Durango Dr, Ste 130 #346
 Las Vegas, NV 89113
 USA



Summary

Test	Date Tested	Status
Cannabinoids	03/10/2023	Tested
Heavy Metals	03/02/2023	Tested
Microbials	03/02/2023	Tested
Mycotoxins	03/06/2023	Tested
Pesticides	03/06/2023	Tested
Residual Solvents	03/06/2023	Tested
Terpenes	03/01/2023	Tested

0.102 % Total Δ9-THC	39.5 % (6aR,9S,10aR)-HHC	85.1 % Total Cannabinoids	Not Tested Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization
--------------------------------	------------------------------------	-------------------------------------	---------------------------------------	-------------------------------------	---

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
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBG	0.0057	0.0172	ND	ND
CBL	0.0112	0.0335	ND	ND
CBN	0.0056	0.0169	ND	ND
CBN acetate	0.0067	0.02	0.391	3.91
CBT	0.018	0.054	ND	ND
Δ8-THC	0.0104	0.0312	0.0852	0.852
Δ8-THC acetate	0.0067	0.02	0.261	2.61
Δ9-THC	0.0076	0.0227	0.102	1.02
Δ9-THC acetate	0.0067	0.02	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
(6aR,9R,10aR)-HHC	0.0067	0.02	35.9	359
(6aR,9S,10aR)-HHC	0.0067	0.02	39.5	395
(6aR,9R,10aR)-HHC acetate	0.0067	0.02	6.63	66.3
(6aR,9S,10aR)-HHC acetate	0.0067	0.02	2.15	21.5
Δ8-iso-THC	0.0067	0.02	0.102	1.02
Δ4,8-iso-THC	0.0067	0.02	ND	ND
Total Δ9-THC			0.102	1.02
Total CBD			ND	ND
Total			85.1	851

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
 CCO
 Date: 03/10/2023



Tested By: Scott Caudill
 Senior Scientist
 Date: 03/10/2023



ISO/IEC 17025:2017 Accredited
 Accreditation #108651



Orange Creamsicle

Sample ID: SA-230227-17457
 Batch: MDOCVAP-S1
 Type: Finished Products
 Matrix: Concentrate - Vape
 Unit Mass (g):

Received: 02/28/2023
 Completed: 03/10/2023

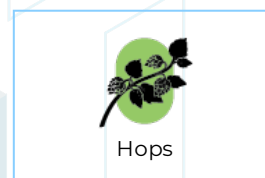
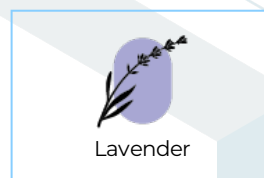
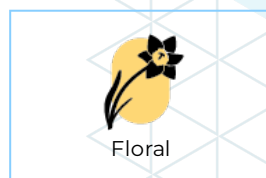
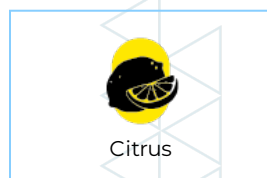
Client

Melee Dose
 7250 S Durango Dr, Ste 130 #346
 Las Vegas, NV 89113
 USA

Terpenes by GC-MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α-Bisabolol	0.002	0.01	0.08627	Limonene	0.002	0.01	1.91978
(+)-Borneol	0.002	0.01	ND	Linalool	0.002	0.01	1.37053
Camphene	0.002	0.01	ND	β-myrcene	0.002	0.01	0.39819
Camphor	0.004	0.02	<LOQ	Nerol	0.002	0.01	ND
3-Carene	0.002	0.01	0.01457	cis-Nerolidol	0.002	0.01	ND
β-Caryophyllene	0.002	0.01	0.65931	trans-Nerolidol	0.002	0.01	ND
Caryophyllene Oxide	0.002	0.01	0.37786	Ocimene	0.002	0.01	0.11627
α-Cedrene	0.002	0.01	ND	α-Phellandrene	0.002	0.01	0.12467
Cedrol	0.002	0.01	ND	α-Pinene	0.002	0.01	0.46019
Eucalyptol	0.002	0.01	ND	β-Pinene	0.002	0.01	0.03457
Fenchone	0.004	0.02	ND	Pulegone	0.002	0.01	ND
Fenchyl Alcohol	0.002	0.01	ND	Sabinene	0.002	0.01	ND
Geraniol	0.002	0.01	ND	Sabinene Hydrate	0.002	0.01	ND
Geranyl Acetate	0.002	0.01	ND	α-Terpinene	0.002	0.01	ND
Guaial	0.002	0.01	ND	γ-Terpinene	0.002	0.01	ND
Hexadhydrothymol	0.002	0.01	ND	α-Terpineol	0.001	0.005	ND
α-Humulene	0.002	0.01	1.25356	γ-Terpineol	0.001	0.005	ND
Isoborneol	0.002	0.01	ND	Terpinolene	0.002	0.01	0.18598
Isopulegol	0.002	0.01	ND	Valencene	0.002	0.01	ND
				Total Terpenes (%)			7.01

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: 03/10/2023



Tested By: Jasper van Heemst
 Principal Scientist
 Date: 03/01/2023



Orange Creamsicle

Sample ID: SA-230227-17457
Batch: MDOCVAP-S1
Type: Finished Products
Matrix: Concentrate - Vape
Unit Mass (g):

Received: 02/28/2023
Completed: 03/10/2023

Client
Melee Dose
7250 S Durango Dr, Ste 130 #346
Las Vegas, NV 89113
USA

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: 03/10/2023



Tested By: Kelsey Rogers
Scientist

Date: 03/02/2023



Orange Creamsicle

Sample ID: SA-230227-17457
 Batch: MDOCVAP-S1
 Type: Finished Products
 Matrix: Concentrate - Vape
 Unit Mass (g):

Received: 02/28/2023
 Completed: 03/10/2023

Client
 Melee Dose
 7250 S Durango Dr, Ste 130 #346
 Las Vegas, NV 89113
 USA

Pesticides by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (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: 03/10/2023



Tested By: Jasper van Heemst
 Principal Scientist
 Date: 03/06/2023



Orange Creamsicle

Sample ID: SA-230227-17457
 Batch: MDOCVAP-S1
 Type: Finished Products
 Matrix: Concentrate - Vape
 Unit Mass (g):

Received: 02/28/2023
 Completed: 03/10/2023

Client
 Melee Dose
 7250 S Durango Dr, Ste 130 #346
 Las Vegas, NV 89113
 USA

Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	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: 03/10/2023



Tested By: Jasper van Heemst
 Principal Scientist
 Date: 03/06/2023





KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

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

Certificate of Analysis

6 of 7

Orange Creamsicle

Sample ID: SA-230227-17457
Batch: MDOCVAP-S1
Type: Finished Products
Matrix: Concentrate - Vape
Unit Mass (g):

Received: 02/28/2023
Completed: 03/10/2023

Client
Melee Dose
7250 S Durango Dr, Ste 130 #346
Las Vegas, NV 89113
USA

Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)
Total aerobic count	1	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: 03/10/2023

Tested By: Lucy Jones
Scientist

Date: 03/02/2023



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.

Orange Creamsicle

Sample ID: SA-230227-17457
Batch: MDOCVAP-SI
Type: Finished Products
Matrix: Concentrate - Vape
Unit Mass (g):

Received: 02/28/2023
Completed: 03/10/2023

Client

Melee Dose
7250 S Durango Dr, Ste 130 #346
Las Vegas, NV 89113
USA

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 Glycol	21	62	ND
Acetonitrile	14	41	ND	Ethylene Oxide	0.5	1	ND
Benzene	0.5	1	ND	Heptane	167	500	ND
Butane	167	500	ND	n-Hexane	10	29	ND
1-Butanol	167	500	ND	Isobutane	167	500	ND
2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanone	167	500	ND	Isopropyl Alcohol	167	500	ND
Chloroform	2	6	ND	Isopropylbenzene	167	500	ND
Cyclohexane	129	388	ND	Methanol	100	300	ND
1,2-Dichloroethane	0.5	1	ND	2-Methylbutane	10	29	ND
1,2-Dimethoxyethane	4	10	ND	Methylene Chloride	20	60	ND
Dimethyl Sulfoxide	167	500	ND	2-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	3-Methylpentane	10	29	ND
2,2-Dimethylbutane	10	29	ND	n-Pentane	167	500	ND
2,3-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
N,N-Dimethylformamide	30	88	ND	n-Propane	167	500	ND
2,2-Dimethylpropane	167	500	ND	1-Propanol	167	500	ND
1,4-Dioxane	13	38	ND	Pyridine	7	20	ND
Ethanol	167	500	ND	Tetrahydrofuran	24	72	ND
2-Ethoxyethanol	6	16	ND	Toluene	30	89	ND
Ethyl Acetate	167	500	ND	Trichloroethylene	3	8	ND
Ethyl Ether	167	500	ND	Tetramethylene Sulfone	6	16	ND
Ethylbenzene	3	7	ND	Xylenes (o-, m-, and p-)	73	217	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: 03/10/2023



Tested By: Scott Caudill
Senior Scientist
Date: 03/06/2023
