SD210319-022 page 1 of 1

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368



Sample Torch D - Romulan Grapefruit

Sample ID SD210319-022		Matrix Concentrate (Inhalable Cannabis Good)	
Tested for A8 Industries			
Sampled -	Received July 14, 2022	Reported July 15, 2022	
Analyses executed CAN20	0	E. Vis 75 Still HV on Sharshy (State	

CAN20 - Cannabinoids Analysis

Analyzed July 14, 2022 | Instrument HLPC

Measurement Uncertainty at 95% confidence 7.806%

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND
exo-THC (exo-THC)	0.016	0.8	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.17	1.67
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	3.20	32.00
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.8	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.8	36.75	367.53
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.8	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.8	40.19	401.93
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.8	ND	ND
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.8	ND	ND
Δ8-THC-O-acetate (Δ8-THC-O)	0.076	0.8	ND	ND
Δ9-THC-O-acetate (Δ9-THC-O)	0.066	0.8	ND	ND
Total THC (THCa * 0.877 + THC)			0.17	1.67
Total CBD (CBDa * 0.877 + CBD)			ND	ND
Total CBG (CBGa * 0.877 + CBG)			ND	ND
Total HHC (9r-HHC + 9s-HHC)			76.94	769.47
TOTAL CANNABINOIDS			80.31	803.17

ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count







Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Tue, 29 Mar 2022 11:35:34 -0700

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1 of 2

Torch D - Devil Driver

Sample ID: SA-220324-8119

Batch:

Type: Finished Products Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 03/28/2022 Completed: 04/12/2022

Client A8 Industries 14201 Chambers Rd Tustin, CA 92780

USA



Summary

Cannabinoids

Date Tested 04/12/2022

Status Tested

ND Total Δ9-THC

48.0 % (6aR,9S,10aR)-HHC

93.7 % **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

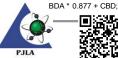
Analyte		LOD	LOQ	Result	Result
Allalyte		(%)	(%)	(%)	(mg/g)
CBC		0.0095	0.0284	ND	ND
CBCA		0.0181	0.0543	ND	ND
CBCV		0.006	0.018	ND	ND
CBD		0.0081	0.0242	ND	ND
CBDA		0.0043	0.013	ND	ND
CBDP		0.01	0.03	ND	ND
CBDV		0.0061	0.0182	ND	ND
CBDVA		0.0021	0.0063	ND	ND
CBE		0.0095	0.0284	ND	ND
CBG		0.0057	0.0172	ND	ND
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	0.361	3.61
CBNA		0.006	0.0181	ND	ND
CBT		0.0181	0.0543	ND	ND
Δ8-THC		0.0104	0.0312	0.298	2.98
Δ8-THCP		0.01	0.03	ND	ND
Δ9-THC		0.0076	0.0227	ND	ND
Δ9-THCA		0.0084	0.0251	ND	ND
Δ9-THCP		0.01	0.03	ND	ND
Δ9-THCV		0.0069	0.0206	ND	ND
Δ9-THCVA		0.0062	0.0186	ND	ND
(6aR,9R,10al	R)-HHC	0.01	0.03	45.0	450
(6aR,9S,10aF	R)-HHC	0.01	0.03	48.0	480
Total Δ9-T⊦	C			ND	ND
Total CBD				ND	ND
Total				93.7	937

>-Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA

Generated By: Ryan Bellone Commercial Director Date: 04/12/2022

Tested By: Scott Caudill Senior Scientist Date: 04/12/2022





ISO/IEC 17025:2017 Accredited Accreditation #108651



2 of 2

Torch D - Devil Driver

Sample ID: SA-220324-8119 Batch:

Type: Finished Products Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 03/28/2022 Completed: 04/12/2022

KCA Laboratories

232 North Plaza Drive

Nicholasville, KY 40356

Client A8 Industries 14201 Chambers Rd Tustin, CA 92780

USA





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1 of 2

Torch D - Fuel Biscuits

Sample ID: SA-220324-8114

Batch:

Type: Finished Products Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 03/28/2022 Completed: 04/12/2022

Client A8 Industries 14201 Chambers Rd Tustin, CA 92780

USA



Summary

Test

Cannabinoids

Date Tested 04/12/2022

Status Tested

0.148 % Total Δ9-THC

42.5 % (6aR,9S,10aR)-HHC

87.8 % **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

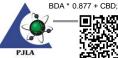
Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDA	0.0043	0.013	ND	ND
CBDP	0.01	0.03	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBE	0.0095	0.0284	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	0.354	3.54
CBNA	0.006	0.0181	ND	ND
CBT	0.0181	0.0543	ND	ND
Δ8-THC	0.0104	0.0312	5.11	51.1
Δ8-THCP	0.01	0.03	ND	ND
Δ9-THC	0.0076	0.0227	0.148	1.48
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-ΤΗСΡ	0.01	0.03	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
(6aR,9R,10aR)-HHC	0.01	0.03	39.8	398
(6aR,9S,10aR)-HHC	0.01	0.03	42.5	425
Total Δ9-THC			0.148	1.48
Total CBD			ND	ND
Total			87.8	878

ND = Not Detected; NT ,=-Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA

Generated By: Ryan Bellone Commercial Director Date: 04/12/2022

Tested By: Scott Caudill Senior Scientist Date: 04/12/2022

Hac-MR



ISO/IEC 17025:2017 Accredited Accreditation #108651



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KCA Laboratories

232 North Plaza Drive

Nicholasville, KY 40356

Torch D - Fuel Biscuits

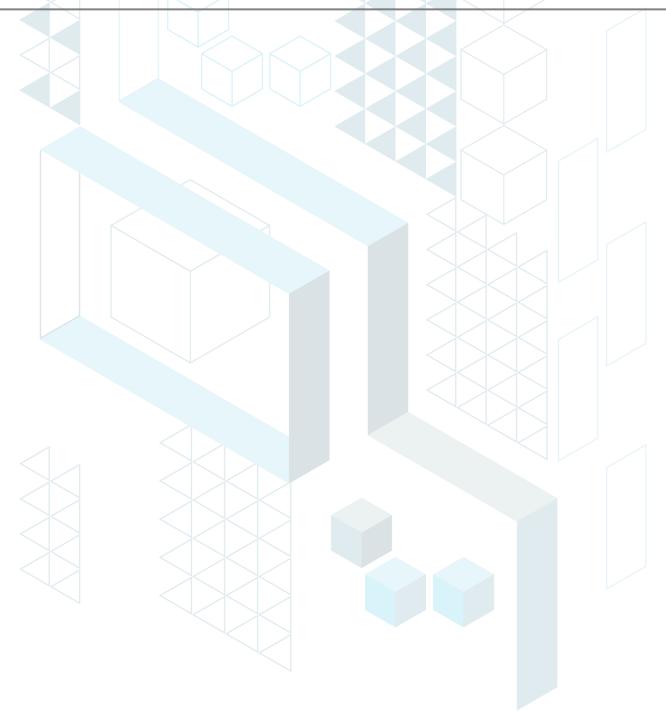
Sample ID: SA-220324-8114 Batch:

Type: Finished Products Matrix: Concentrate - Distillate

Unit Mass (g):

Client A8 Industries Received: 03/28/2022 Completed: 04/12/2022 14201 Chambers Rd Tustin, CA 92780

USA



Generated By: Ryan Bellone **Commercial Director** Date: 04/12/2022



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1 of 2

Torch D - Trainwreck

Sample ID: SA-220324-8121

Batch:

Type: Finished Products Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 03/28/2022 Completed: 04/12/2022

Client A8 Industries 14201 Chambers Rd Tustin, CA 92780

USA



Summary

Test

Cannabinoids

Date Tested 04/12/2022

Status Tested

ND Total Δ9-THC

46.2 % (6aR,9S,10aR)-HHC

89.9 % **Total Cannabinoids**

Not Tested Moisture Content

Not Tested Foreign Matter

Internal Standard Normalization

Yes

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

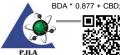
Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDA	0.0043	0.013	ND	ND
CBDP	0.01	0.03	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBE	0.0095	0.0284	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	0.370	3.70
CBNA	0.006	0.0181	ND	ND
CBT	0.0181	0.0543	ND	ND
Δ8-THC	0.0104	0.0312	0.419	4.19
Δ8-THCP	0.01	0.03	ND	ND
Δ9-THC	0.0076	0.0227	ND	ND
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCP	0.01	0.03	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
(6aR,9R,10aR)-HHC	0.01	0.03	42.9	429
(6aR,9S,10aR)-HHC	0.01	0.03	46.2	462
Total Δ9-THC			ND	ND
Total CBD			ND	ND
Total			89.9	899

ND = Not Detected; NT ⇒Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA

Generated By: Ryan Bellone Commercial Director Date: 04/12/2022

Tested By: Scott Caudill Senior Scientist Date: 04/12/2022





ISO/IEC 17025:2017 Accredited Accreditation #108651



2 of 2

Torch D - Trainwreck

Sample ID: SA-220324-8121

Batch:

Type: Finished Products Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 03/28/2022 Completed: 04/12/2022

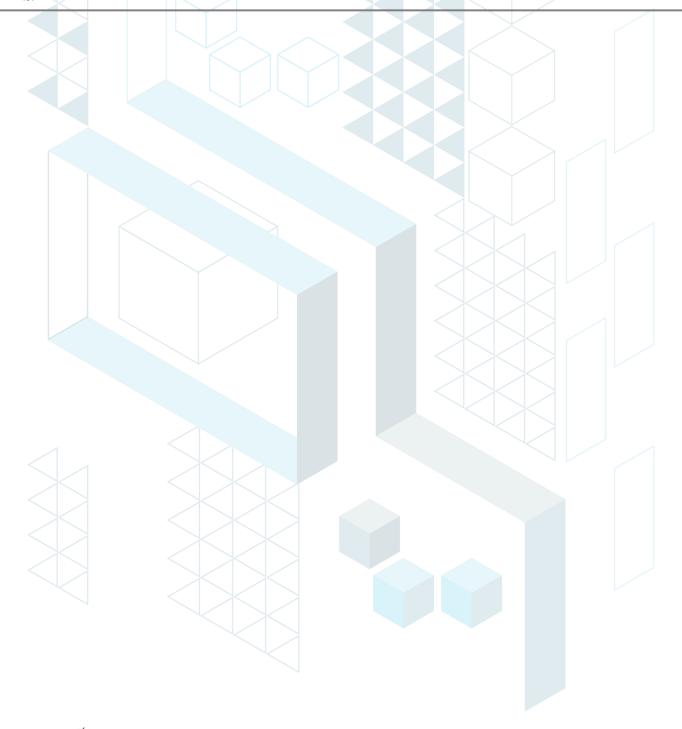
KCA Laboratories

232 North Plaza Drive

Nicholasville, KY 40356

Client A8 Industries 14201 Chambers Rd Tustin, CA 92780

USA





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1 of 2

Torch D - Champagne Breath

Sample ID: SA-220324-8112

Batch:

Type: Finished Products Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 03/28/2022 Completed: 04/12/2022

Client A8 Industries 14201 Chambers Rd Tustin, CA 92780

USA



Summary

Test

Cannabinoids

Date Tested 04/12/2022

Status Tested

0.139 % Total Δ9-THC

46.8 % (6aR,9S,10aR)-HHC 96.1 %

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

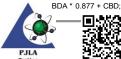
Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDA	0.0043	0.013	ND	ND
CBDP	0.01	0.03	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBE	0.0095	0.0284	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	0.370	3.70
CBNA	0.006	0.0181	ND	ND
CBT	0.0181	0.0543	ND	ND
Δ8-THC	0.0104	0.0312	4.45	44.5
Δ8-THCP	0.01	0.03	ND	ND
Δ9-THC	0.0076	0.0227	0.139	1.39
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCP	0.01	0.03	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
(6aR,9R,10aR)-HHC	0.01	0.03	44.4	444
(6aR,9S,10aR)-HHC	0.01	0.03	46.8	468
Total Δ9-THC			0.139	1.39
Total CBD			ND	ND
Total			96.1	961

ND = Not Detected; NT >-Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA

Generated By: Ryan Bellone Commercial Director Date: 04/12/2022

Tested By: Scott Caudill Senior Scientist Date: 04/12/2022





ISO/IEC 17025:2017 Accredited



Accreditation #108651



2 of 2

Torch D - Champagne Breath

Sample ID: SA-220324-8112 Batch:

Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 03/28/2022 Type: Finished Products Completed: 04/12/2022

Client A8 Industries 14201 Chambers Rd Tustin, CA 92780

USA





PharmLabs San Diego Certificate of Analysis

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Sample ID SD230414-013 (72126)		Matrix Concentrate (Inhalable Cannabis Good)	
Tested for Wherezhemp, LLC			
Sampled -	Received Apr 14, 2023		Reported Apr 17, 2023
Analyses executed CANX		Uni	it Mass (g) 2.2

CANX - Cannabinoids Analysis

Analyzed Apr 17, 2023 | Instrument HPLC-VWD | Method
The expanded Uncertainty of the Cannabinoid analysis is approximately ±7.806% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Unit
11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND	ND
Cannabidiorcin (CBDO)	0.002	0.007	ND	ND	ND
bnormal Cannabidiorcin (a-CBDO)	0.01	0.031	ND	ND	ND
-/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.012	0.036	ND	ND	ND
1-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND	ND
(S)-THD (s-THD)	0.013	0.041	ND	ND	ND
(R)-THD (r-THD)	0.025	0.075	ND	ND	ND
etrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND
8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND	ND
annabidihexol (CBDH)	0.005	0.16	ND	ND	ND
etrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND	ND
annabinol (CBN)	0.001	0.16	ND	ND	ND
annabidiphorol (CBDP)	0.015	0.047	ND	ND	ND
co-THC (exo-THC)	0.005	0.16	ND	ND	ND
etrahydrocannabinol (Δ9-THC)	0.003	0.16	ND	ND	ND
8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	ND	ND	ND
aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND	ND
exahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	41.00	410.02	902.05
aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND	ND
exahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	58.97	589.73	1297.40
etrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND
9-Tetrahydrocannabihexol (Δ9-THCH)	0.024	0.071	ND	ND	ND
annabinol Acetate (CBNO)	0.014	0.043	ND	ND	ND
9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	ND	ND	ND
8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	ND	ND	ND
annabicitran (CBT)	0.005	0.16	ND	ND	ND
8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	ND
S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	ND
9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND	ND
R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	ND
(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	ND
octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	ND
9-THC methyl ether (Δ9-MeO-THC)			ND	ND	ND
otal THC (THCa * 0.877 + Δ9THC)			ND	ND	ND
otal THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			ND	ND	ND
otal CBD (CBDa * 0.877 + CBD)			ND	ND	ND
otal CBG (CBGa * 0.877 + CBG)			ND	ND	ND
otal HHC (9r-HHC + 9s-HHC)			99.98	999.75	2199.45
otal Cannabinoids			99.98	999.75	2199.45

UI Not Identified
ND Not Detected
NAN Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
4.00 Detected
>ULOL Above upper limit of linearity
CFUIG Colony Forming Units per 1 gram
TNTC Too Numerous to Count









Authorized Signature

Brandon Starr



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1 of 2

Torch D - Super Lemon Haze

Sample ID: SA-220324-8116

Batch:

Type: Finished Products Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 03/28/2022 Completed: 04/12/2022

Client A8 Industries 14201 Chambers Rd Tustin, CA 92780

USA



Summary

Cannabinoids

Date Tested 04/12/2022

Status Tested

0.0857 %

Total ∆9-THC

44.8 % (6aR,9S,10aR)-HHC

90.6 % **Total Cannabinoids** Not Tested

Moisture Content

Not Tested

Foreign Matter

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
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDA	0.0043	0.013	ND	ND
CBDP	0.01	0.03	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBE	0.0095	0.0284	ND	ND
CBG	0.0057	0.0172	ND	ND
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	0.338	3.38
CBNA	0.006	0.0181	ND	ND
CBT	0.0181	0.0543	ND	ND
Δ8-THC	0.0104	0.0312	3.48	34.8
Δ8-THCP	0.01	0.03	ND	ND
Δ9-THC	0.0076	0.0227	0.0857	0.857
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCP	0.01	0.03	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
(6aR,9R,10aR)-HHC	0.01	0.03	41.9	419
(6aR,9S,10aR)-HHC	0.01	0.03	44.8	448
Total Δ9-THC			0.0857	0.857
Total CBD			ND	ND
Total			90.6	906

ND = Not Detected; NT rNot Tersted; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA

Generated By: Ryan Bellone Commercial Director Date: 04/12/2022

Tested By: Scott Caudill Senior Scientist Date: 04/12/2022





ISO/IEC 17025:2017 Accredited Accreditation #108651



BDA * 0.877 + CBD;

2 of 2

Torch D - Super Lemon Haze

kca

Sample ID: SA-220324-8116 Batch:

Type: Finished Products Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 03/28/2022 Completed: 04/12/2022 Client A8 Industries 14201 Chambers Rd Tustin, CA 92780

USA



