+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

1 of 5

# 5K HHC Tincture

Sample ID: SA-250113-55279 Batch: HC8-5HH-0125 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

Received: 01/15/2025 Completed: 01/29/2025 Client

Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231 USA

Lic. #: 405998



Summary

Test Cannabinoids Heavy Metals Pesticides Residual Solvents **Date Tested** 01/29/2025 01/22/2025 01/28/2025 01/21/2025

Status Tested Passed Passed Passed

Total Δ9-THC

ND

102 mg/mL (6aR,9R,10aR)-HHC

163 mg/mL **Total Cannabinoids** 

**Not Tested** Moisture Content

Foreign Matter

**Not Tested** 

Yes

Internal Standard Normalization

Cannabinoids by GC-MS/MS

Analyte	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (%)	Result (mg/unit)
CBC	0.00095	0.00284	ND	ND	ND
CBCA	0.00181	0.00543	NT	NT	NT
CBCV	0.0006	0.0018	NT	NT	NT
CBD	0.00081	0.00242	ND	ND	ND
CBDA	0.00043	0.0013	NT	NT	NT
CBDV	0.00061	0.00182	ND	ND	ND
CBDVA	0.00021	0.00063	NT	NT	NT
CBG	0.00057	0.00172	ND	ND	ND
CBGA	0.00049	0.00147	NT	NT	NT
CBL	0.00112	0.00335	NT	NT	NT
CBLA	0.00124	0.00371	NT	NT	NT
CBN	0.00056	0.00169	0.228	0.0227	6.83
CBNA	0.0006	0.00181	NT	NT	NT
CBT	0.0018	0.0054	ND	ND	ND
\4,8-iso-THC	0.00067	0.002	ND	ND	ND
\8-iso-THC	0.00067	0.002	ND	ND	ND
78-THC	0.00104	0.00312	0.0106	0.00106	0.318
VS-THCV	0.00067	0.002	ND	ND	ND
19-THC	0.00076	0.00227	ND	ND	ND
19-THCA	0.00084	0.00251	ND	ND	ND
19-THCV	0.00069	0.00206	ND	ND	ND
19-THCVA	0.00062	0.00186	NT	NT	NT
exo-THC	0.00067	0.002	ND	ND	ND
6a R, 9 R, 10a R) - HHC	0.00067	0.002	102	10.2	3070
6aR,9S,10aR)-HHC	0.00067	0.002	60.5	6.04	1810
Total Δ9-THC			ND	ND	ND
Total			163	16.3	4890

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

Generated By: Ryan Bellone CCO

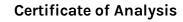
Tested By: Scott Caudill Laboratory Manager Date: 01/29/2025







ISO/IEC 17025:2017 Accredited Accreditation #108651





+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

2 of 5

# 5K HHC Tincture

Sample ID: SA-250113-55279 Batch: HC8-5HH-0125 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

Received: 01/15/2025 Completed: 01/29/2025 Client

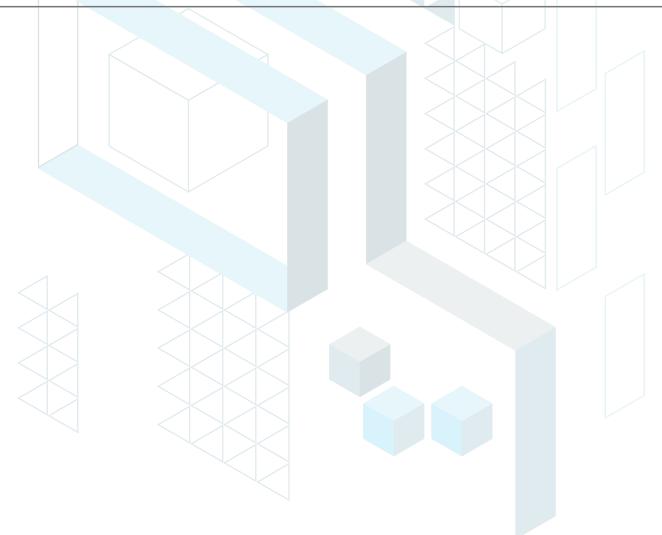
Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231 USA

Lic. #: 405998

# **Heavy Metals by ICP-MS**

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

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 CCO Date: 01/29/2025 Tested By: Chris Farman Scientist Date: 01/22/2025



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 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 are provide measurement uncertainty upon request.





+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

3 of 5

# 5K HHC Tincture

Unit Mass (g):

Sample ID: SA-250113-55279 Batch: HC8-5HH-0125 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil

Received: 01/15/2025 Completed: 01/29/2025 Client

Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231 USA

Lic. #: 405998

# Pesticides by LC-MS/MS and GC-MS/MS

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

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

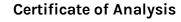
RA

Generated By: Ryan Bellone CCO

Date: 01/29/2025

Tested By: Anthony Mattingly Scientist Date: 01/28/2025







+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

4 of 5

# 5K HHC Tincture

Unit Mass (g):

Sample ID: SA-250113-55279 Batch: HC8-5HH-0125 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil

Received: 01/15/2025 Completed: 01/29/2025 Client

Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231 USA

Lic. #: 405998

# Residual Solvents by HS-GC-MS

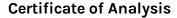
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F
Acetone	167	500	ND ND	Р	Ethylene Oxide	0.5	1	ND ND	P
Acetonitrile	14	41	ND	Р	Heptane	167	500	ND	Р
Benzene	0.5	1	ND	Р	n-Hexane	10	29	ND	Р
Butane	167	500	ND	Р	Isobutane	167	500	ND	Р
1-Butanol	167	500	ND	Р	Isopropyl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

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

RAL

Generated By: Ryan Bellone CCO Tested By: Kelsey Rogers
Scientist







+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

5 of 5

# 5K HHC Tincture

Unit Mass (g):

Sample ID: SA-250113-55279 Batch: HC8-5HH-0125 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil

Received: 01/15/2025 Completed: 01/29/2025 Client

Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231 USA

Lic. #: 405998

# **Reporting Limit Appendix**

### Heavy Metals - KY 902 KAR 45:190

Analyte	Lim	it (pp	m) Analyte	Limit (ppm)
Arsenic		1.5	Lead	0.5
Cadmium		0.5	Mercury	1.5

#### Residual Solvents - USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	5000	Ethylene Oxide	1
Acetonitrile	410	Heptane	5000
Benzene	2	n-Hexane	290
Butane	5000	Isobutane	5000
1-Butanol	5000	Isopropyl Acetate	5000
2-Butanol	5000	Isopropyl Alcohol	5000
2-Butanone	5000	Isopropylbenzene	5000
Chloroform	60	Methanol	3000
Cyclohexane	3880	2-Methylbutane	290
1,2-Dichloroethane	5	Methylene Chloride	600
1,2-Dimethoxyethane	100	2-Methylpentane	290
Dimethyl Sulfoxide	5000	3-Methylpentane	290
N,N-Dimethylacetamide	1090	n-Pentane	5000
2,2-Dimethylbutane	290	1-Pentanol	5000
2,3-Dimethylbutane	290	n-Propane	5000
N,N-Dimethylformamide	880	1-Propanol	5000
2,2-Dimethylpropane	5000	Pyridine	200
1,4-Dioxane	380	Tetrahydrofuran	720
Ethanol	5000	Toluene	890
2-Ethoxyethanol	160	Trichloroethylene	80
Ethyl Acetate	5000	Xylenes (o-, m-, and p-)	2170
Ethyl Ether	5000		
Ethylbenzene	70		

## Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Chloranthraniliprole	40000	Naled	500
Chlorfenapyr	30	Paclobutrazol	30
Chlorpyrifos	30	Phosmet	200
Clofentezine	500	Piperonyl Butoxide	8000
Coumaphos	30	Prallethrin	400
Diazinon	200	Propiconazole	20000
Dichlorvos	30	Propoxur	30
Dimethoate	30	Pyrethrins	1000
Dimethomorph	20000	Pyridaben	3000
Ethoprophos	30	Spinetoram	3000
Etofenprox	30	Spinosad	3000
Etoxazole	1500	Spiromesifen	12000
Fenhexamid	10000	Spirotetramat	13000
Fenoxycarb	30	Spiroxamine	30
Fenpyroximate	2000	Tebuconazole	2000
Fipronil	30	Thiacloprid	30
Fludioxonil	30000	Thiamethoxam	4500

#### Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Abamectin	300	Hexythiazox	2000
Acetamiprid	5000	Imazalil	30
Aldicarb	30	Imidacloprid	3000
Azoxystrobin	40000	Kresoxim methyl	1000
Bifenazate	5000	Malathion	5000
Bifenthrin	500	Metalaxyl	15000
Boscalid	10000	Methiocarb	30
Carbaryl	500	Mevinphos	30
Carbofuran	30	Myclobutanil	9000

