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1 of 8

HHC Vape Cartridge - Northern Lights - 1 ml

ample ID: SA-240903- batch: 03SEP2024-HH ype: Finished Product 1atrix: Concentrate - D Init Mass (g):	CNL : - Inhalable	Received: 09/05 Completed: 09/			Client 3Chi 275 Medical E Carmel, IN 46 USA Lic. #: 18_0235	5082
	OSSEP2024 HHCNL		Summa Test Cannabino Heavy Meta Microbials Mycotoxins Pesticides Residual So Terpenes	oids als s	Date Tested 09/18/2024 09/11/2024 09/12/2024 09/11/2024 09/11/2024 09/13/2024 09/12/2024	Status Tested Tested Tested Tested Tested Tested Tested
ND	54.6 %	94.7 %	Not Tested		Not Tested	Yes
Total AO TUC		Tatal Cannahinaida	Moisture Cont	topt	Foreign Matter	Internal Standard
Total <u>A</u> 9-THC	(6aR,9R,10aR)-HHC	Total Cannabinoids			Foreign Matter	Normalization
cannabinoids _{nalyte}	by HPLC-PDA a	nd GC-MS/MS LOD (%)	LOQ (%)		Result (%)	Result (mg/g)
annabinoids nalyte BC	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095	LOQ (%) 0.0284		Result (%) ND	Result (mg/g) ND
annabinoids nalyte 3C 3CA	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181	LOQ (%) 0.0284 0.0543		Result (%) ND ND	Result (mg/g) ND ND ND
annabinoids nalyte 3C 3CA 3CV	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006	LOQ (%) 0.0284 0.0543 0.018		Result (%) ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND
annabinoids halyte BC BCA BCV BD	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081	LOQ (%) 0.0284 0.0543 0.018 0.0242		Result (%) ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND
annabinoids halyte BC BCA BC BD BDA	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013		Result (%) ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND
annabinoids halyte ac acA acV aD aDA aDV	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0061	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.013 0.0182		Result (%) ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids halyte BC BCA BC BD BDA BDV BDV BDVA	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0061 0.0021	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063		Result (%) ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids halyte BC BCA BCA BD BDA BDV BDVA BCA BCA BDVA BCA	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0061 0.0021 0.0057	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.00172		Result (%) ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids halyte 3C 3CA 3CV 3D 3DA 3DV 3DV 3DV 3DVA 3G 3GA	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0061 0.0021 0.0021 0.0057 0.0049	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063 0.0172 0.0147		Result (%) ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids halyte 3C 3CA 3CV 3D 3DA 3DV 3DV 3DV 3DV 3DV 3C 3CA 3CA 3CA 3L	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0061 0.0021 0.0057	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.00172		Result (%) ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids halyte BC BCA BCA BCV BDA BDV BDVA BDV BDVA BCA BCA BLA	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0061 0.0021 0.0021 0.0057 0.0049 0.0112	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063 0.0172 0.0147 0.0335		Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids halyte BC BCA BCV BD BDA BDV BDVA BDV BDVA BGA BL BLA BN	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0061 0.0021 0.0027 0.0049 0.0012 0.0112 0.0124	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063 0.0172 0.0147 0.0335 0.0371		Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids malyte SC SCA SCV SD SDA SDV SDVA SG SGA SL SLA SN SNA	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0061 0.0021 0.0027 0.0049 0.0112 0.0124 0.0056	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063 0.0172 0.0147 0.0335 0.0371 0.0169		Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids halyte SC SCA SCV SD SDA SDV SDVA SG SGA SLA SN SLA SN SNA ST -THC	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0021 0.0057 0.0049 0.0112 0.0124 0.0056 0.006 0.008 0.006 0.018 0.0104	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063 0.0172 0.0147 0.0335 0.0371 0.0169 0.0181		Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N
annabinoids halyte 3C 3CA 3CV 3DA 3DA 3DV 3DA 3DV 3DV 3DV 3DV 3DV 3DA 3DA 3DV 3DA 3DA 3DA 3DA 3DA 3DA 3DA 3DA 3DA 3DA	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0021 0.0057 0.0049 0.0112 0.0124 0.0056 0.006 0.008 0.006 0.018 0.0104 0.0076	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063 0.0172 0.0147 0.0335 0.0371 0.0169 0.0181 0.054 0.054 0.0312 0.0227		Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N
annabinoids nalyte BC BCA BCA BCA BCA BCA BCA BDA BDA BDA BDA BCA BCA BL BLA BLA BLA BLA BLA BLA BLA BLA BLA	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0021 0.0021 0.0057 0.0049 0.0112 0.0124 0.0056 0.006 0.018 0.0104 0.0076 0.0076 0.0084	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063 0.0172 0.0147 0.0335 0.0371 0.0169 0.0181 0.054 0.054 0.0312 0.0227 0.0251		Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N
annabinoids nalyte BC BCA BCA BCV BDA BDA BDA BDA BDA BDA BA BBA BBA BLA BLA BLA BNA BT 3-THC 3-THC 3-THC 3-THCA 3-THCA	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0021 0.0057 0.0049 0.0112 0.0124 0.0056 0.006 0.018 0.0104 0.0076 0.0084 0.0069	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063 0.0172 0.0147 0.0335 0.0371 0.0169 0.0181 0.054 0.0312 0.027 0.0251 0.0206		Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N
Cannabinoids nalyte BC BCA BCA BCV BDA BDA BDA BDA BDV BDVA BGA BGA BLA BLA BLA BNA BT 8-THC 9-THC 9-THCA 9-THCV 9-THCV	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0057 0.0049 0.0112 0.0124 0.0056 0.006 0.018 0.0104 0.0076 0.0084 0.0069 0.0062	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063 0.0172 0.0147 0.0335 0.0371 0.0169 0.0181 0.054 0.0312 0.027 0.0251 0.0206 0.0186		Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N
Cannabinoids nalyte BC BCA BCV BD BDA BDV BDVA BGA BGA BLA BLA BNA BT 8-THC 9-THC 9-THCA 9-THCV 9-THCVA baR,9R,10aR)-HHC	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0021 0.0057 0.0049 0.0112 0.0124 0.0056 0.006 0.018 0.0104 0.0076 0.0084 0.0069 0.0062 0.0067	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063 0.0172 0.0147 0.0335 0.0371 0.0169 0.0181 0.054 0.0312 0.027 0.0251 0.0206 0.0186 0.02		Result (%) ND ND ND S4.6	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N
Cannabinoids malyte BC BCA BCV BD BDA BDV BDVA BG BGA BL BLA BN BNA BT 8-THC 9-THC 9-THCA 9-THCV 9-THCVA 5aR,9R,10aR)-HHC 5aR,9S,10aR)-HHC	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0057 0.0049 0.0112 0.0124 0.0056 0.006 0.018 0.0104 0.0076 0.0084 0.0069 0.0062	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063 0.0172 0.0147 0.0335 0.0371 0.0169 0.0181 0.054 0.0312 0.027 0.0251 0.0206 0.0186		Result (%) ND ND ND 39.8	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N
	by HPLC-PDA a	nd GC-MS/MS LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0021 0.0057 0.0049 0.0112 0.0124 0.0056 0.006 0.018 0.0104 0.0076 0.0084 0.0069 0.0062 0.0067	LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063 0.0172 0.0147 0.0335 0.0371 0.0169 0.0181 0.054 0.0312 0.027 0.0251 0.0206 0.0186 0.02		Result (%) ND ND ND S4.6	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N

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-THCA * 0.877 + Δ 9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone CCO Date: 09/18/2024

Tested By: Scott Caudill Laboratory Manager Date: 09/18/2024



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 can provide measurement uncertainty upon request.



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HHC Vape Cartridge - Northern Lights - 1 ml

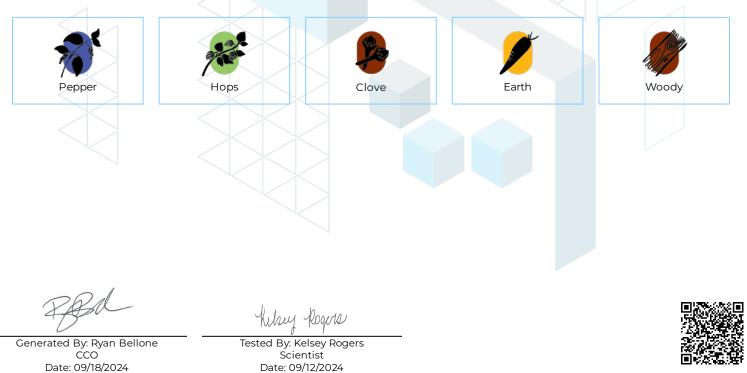
Sample ID: SA-240903-47863 Batch: 03SEP2024-HHCNL Type: Finished Product - Inhalable Matrix: Concentrate - Distillate Unit Mass (g):

Received: 09/05/2024 Completed: 09/18/2024 **Client** 3Chi 275 Medical Dr #857 Carmel, IN 46082 USA Lic. #: 18_0235

Terpenes by GC-MS

icipence by do							
Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α -Bisabolol	0.002	0.01	0.0105	Limonene	0.002	0.01	0.104
(+)-Borneol	0.002	0.01	ND	Linalool	0.002	0.01	0.0518
Camphene	0.002	0.01	<loq< td=""><td>β-myrcene</td><td>0.002</td><td>0.01</td><td>0.0756</td></loq<>	β-myrcene	0.002	0.01	0.0756
Camphor	0.004	0.02	ND	Nerol	0.002	0.01	ND
3-Carene	0.002	0.01	<loq< td=""><td>cis-Nerolidol</td><td>0.002</td><td>0.01</td><td>ND</td></loq<>	cis-Nerolidol	0.002	0.01	ND
β-Caryophyllene	0.002	0.01	0.865	trans-Nerolidol	0.002	0.01	ND
Caryophyllene Oxide	0.002	0.01	0.0305	Ocimene	0.002	0.01	0.0464
α -Cedrene	0.002	0.01	ND	α -Phellandrene	0.002	0.01	0.0112
Cedrol	0.002	0.01	ND	α -Pinene	0.002	0.01	0.0412
Eucalyptol	0.002	0.01	<loq< td=""><td>β-Pinene</td><td>0.002</td><td>0.01</td><td>0.0226</td></loq<>	β-Pinene	0.002	0.01	0.0226
Fenchone	0.004	0.02	ND	Pulegone	0.002	0.01	ND
Fenchyl Alcohol	0.002	0.01	0.0116	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	<loq< td=""></loq<>
Guaiol	0.002	0.01	ND	γ-Terpinene	0.002	0.01	<loq< td=""></loq<>
Hexahydrothymol	0.002	0.01	ND	α -Terpineol	0.001	0.005	0.00895
α -Humulene	0.002	0.01	0.368	γ-Terpineol	0.001	0.005	ND
Isoborneol	0.002	0.01	ND	Terpinolene	0.002	0.01	0.181
Isopulegol	0.002	0.01	ND	Valencene	0.002	0.01	ND
				Total Terpenes (%)			1.85

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



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HHC Vape Cartridge - Northern Lights - 1 ml

Sample ID: SA-24090 Batch: 03SEP2024-H Type: Finished Produ Matrix: Concentrate - Unit Mass (g):	IHCNL uct - Inhalable	Received: 09/05/2024 Completed: 09/18/2024	Client 3Chi 275 Medical Dr #857 Carmel, IN 46082 USA Lic. #: 18_0235
Heavy Metal	s by ICP-MS		
Heavy Metal Analyte	s by ICP-MS	LOQ (ppm)	Result (ppm)
		LOQ (ppm) 0.02	Result (ppm)
Analyte	LOD (ppm)		
Analyte Arsenic	LOD (ppm) 0.002	0.02	ND

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: 09/18/2024

Tested By: Chris Farman

Tested By: Chris Farmar Scientist Date: 09/11/2024



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HHC Vape Cartridge - Northern Lights - 1 ml

Sample ID: SA-240903-47863 Batch: 03SEP2024-HHCNL Type: Finished Product - Inhalable Matrix: Concentrate - Distillate Unit Mass (g):

Received: 09/05/2024 Completed: 09/18/2024 **Client** 3Chi 275 Medical Dr #857 Carmel, IN 46082 USA Lic. #: 18_0235

Pesticides by LC-MS/MS

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

Generated By: Ryan Bellone CCO Date: 09/18/2024

Tested By: Anthony Mattingly Scientist



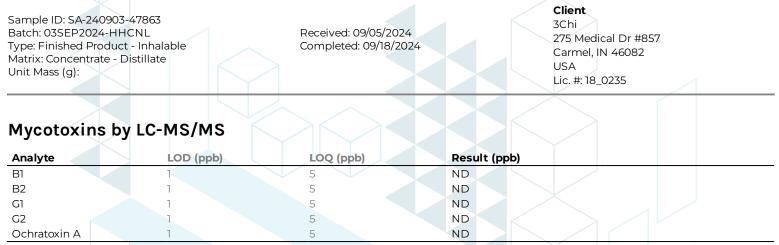
Date: 09/18/2024 Date: 09/11/2024 Date: 09/11/2024 Date: 09/11/2024 Date: 09/11/2024 This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. 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 can provide measurement uncertainty upon request.



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HHC Vape Cartridge - Northern Lights - 1 ml



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: 09/18/2024

Tested By: Anthony Mattingly Scientist



Date: 09/18/2024 Date: 09/11/2024 Date: 09/11/2024 Date: 09/11/2024 Date: 09/18/2024 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 can provide measurement uncertainty upon request.



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Not Detected per 1 gram

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HHC Vape Cartridge - Northern Lights - 1 ml

Sample ID: SA-240903-47863 Batch: 03SEP2024-HHCNL Type: Finished Product - Inhalable Matrix: Concentrate - Distillate Unit Mass (g):		l: 09/05/2024 ed: 09/18/2024	Client 3Chi 275 Medical Dr #857 Carmel, IN 46082 USA Lic. #:18_0235
Microbials by PCR and F	Plating		
Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	10	ND	
Total coliforms	10	ND	
Generic E. coli	10	ND	
Salmonella spp.	1		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 CCO Date: 09/18/2024

Lade Rineston

Tested By: Jade Pinkston Microbiology Technician Date: 09/12/2024



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HHC Vape Cartridge - Northern Lights - 1 ml

Sample ID: SA-240903-47863 Batch: 03SEP2024-HHCNL Type: Finished Product - Inhalable Matrix: Concentrate - Distillate Unit Mass (g):

Received: 09/05/2024 Completed: 09/18/2024 Client 3Chi 275 Medical Dr #857 Carmel, IN 46082 USA Lic. #: 18_0235

Residual Solvents by HS-GC-MS

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

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: 09/18/2024

Scientist

Tested By: Kelsey Rogers Date: 09/13/2024



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Pesticides - CA DCC

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HHC Vape Cartridge - Northern Lights - 1 ml

Sample ID: SA-240903-47863 Batch: 03SEP2024-HHCNL Type: Finished Product - Inhalable Matrix: Concentrate - Distillate Unit Mass (g):

Received: 09/05/2024 Completed: 09/18/2024 Client

3Chi 275 Medical Dr #857 Carmel, IN 46082 USA Lic. #: 18_0235

Reporting Limit Appendix

Heavy Metals - KY 902 KAR 45:190

Analyte	Limit (ppm) Analyte	Limit (ppm)
Arsenic	1.5	Lead	0.5
Cadmium	0.5	Mercury	1.5

Microbials -

Analyte	Limit (CFU/ g) Analyte	Limit (CFU/ g)
Total coliforms	100 Total aerobic count	10000

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)
Abamectin	300	Hexythiazox	2000
Acephate	5000	Imazalil	30

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acequinocyl	4000	Imidacloprid	3000
Acetamiprid	5000	Kresoxim methyl	1000
Azoxystrobin	40000	Malathion	5000
Bifenazate	5000	Metalaxyl	15000
Bifenthrin	500	Methiocarb	30
Boscalid	10000	Methomyl	100
Carbaryl	500	Mevinphos	30
Carbofuran	30	Myclobutanil	9000
Chloranthraniliprole	40000	Naled	500
Chlorfenapyr	30	Oxamyl	200
Chlorpyrifos	30	Paclobutrazol	30
Clofentezine	500	Permethrin	20000
Coumaphos	30	Phosmet	200
Cypermethrin	1000	Piperonyl Butoxide	8000
Diazinon	200	Prallethrin	400
Dichlorvos	30	Propiconazole	20000
Dimethoate	30	Propoxur	30
Dimethomorph	20000	Pyrethrins	1000
Ethoprophos	30	Pyridaben	3000
Etofenprox	30	Spinetoram	3000
Etoxazole	1500	Spinosad	3000
Fenhexamid	10000	Spiromesifen	12000
Fenoxycarb	30	Spirotetramat	13000
Fenpyroximate	2000	Spiroxamine	30
Fipronil	30	Tebuconazole	2000
Flonicamid	2000	Thiacloprid	30
Fludioxonil	30000	Thiamethoxam	4500

Mycotoxins - Colorado CDPHE

Analyte	Limit (ppb) Analyte	Limit (ppb)
B1	5 B2	5
G1	5 G2	5
Ochratoxin A	5	



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