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HHC Vape Cartridge - Northern Lights - 1 ml

mple ID: SA-230823-2 cch: 21AUG2023-HHC pe: Finished Product trix: Concentrate - D it Mass (g):	NL - Inhalable	Collected: 08/21, Received: 08/28 Completed: 09/0	/2023	Client 3Chi 275 Medical D Carmel, IN 46 USA Lic. #: 18_0235	082
			Summary		
			Test	Date Tested	Status
			Cannabinoids	09/07/2023	Tested
			Heavy Metals	09/01/2023	Tested
			Microbials	08/31/2023 09/05/2023	Tested
			Mycotoxins Pesticides	09/05/2023	Tested Tested
			Residual Solvents		Tested
	21AUG2023-		Terpenes	09/01/2023	Tested
ND Total Δ9-THC	67.8 % (6aR,9R,10aR)-HHC	94.2 % Total Cannabinoids	Not Tested Moisture Content	Not Tested	Yes
	by HPLC-PDA, L	.C-MS/MS, and	/or GC-MS/MS		Internal Standard Normalization
annabinoids _{alyte}	by HPLC-PDA, L				
annabinoids ^{alyte}	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0,0095	/or GC-MS/MS LOQ (%) 0.0284	Result (%) ND	Result (mg/g) ND
annabinoids alyte C CA	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0,0095 0,0181	/or GC-MS/MS Loo (%) 0.0284 0.0543	Result (%) ND ND ND	Normalization Result (mg/g) ND ND ND
annabinoids alyte C CA CV	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006	/or GC-MS/MS LoQ (%) 0.0284 0.0543 0.018	Result (%) ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND
annabinoids alyte C CA CV D	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006 0.0081	/or GC-MS/MS LoQ (%) 0.0284 0.0543 0.018 0.0242	Result (%) ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND
annabinoids alyte C CA CV D DA	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0,0095 0,0181 0,006 0,0081 0,0043	/or GC-MS/MS LoQ (%) 0.0284 0.0543 0.018 0.0242 0.013	Result (%) ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND
annabinoids alyte C CA CV D DA DV	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0,0095 0,0181 0,006 0,0081 0,0043 0,0061	/or GC-MS/MS LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182	Result (%) ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND
annabinoids alyte C CA CV D DA DV DVA	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0061 0.0021	/or GC-MS/MS Loo (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063	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 alyte C CA CV D DA DV DVA G	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0061 0.0021 0.0021 0.0057	/or GC-MS/MS LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063 0.0172	Result (%) 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 alyte C CA CV D DA DV DVA G GA	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0043 0.0061 0.0021 0.0021 0.0057 0.0049	/or GC-MS/MS 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 ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids alyte C CA CV D DA DV DVA G	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0061 0.0021 0.0021 0.0057	/or GC-MS/MS LOQ (%) 0.0284 0.0543 0.018 0.0242 0.013 0.0182 0.0063 0.0172	Result (%) 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 alyte C CA CV D DA DV DVA G GA	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0061 0.0021 0.0057 0.0049 0.012	/or GC-MS/MS 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 alyte C CA CV D DA DV DVA G GA L LA	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0043 0.0057 0.0057 0.0049 0.012 0.0124	/or GC-MS/MS 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 alyte C CA CV D DA DV DVA G GA L LA N	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0043 0.0057 0.0057 0.0049 0.012 0.0124 0.0056 0.006 0.006 0.018	/or GC-MS/MS 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 alyte C CA CV D DA DV DVA G GA L LA N NA T T THC	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0057 0.0043 0.0057 0.0057 0.0057 0.0049 0.0112 0.0124 0.0056 0.006 0.018 0.018 0.018 0.0104	/or GC-MS/MS 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	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 N
annabinoids alyte C CA CV D DA DV DVA G GA L LA N NA T THC THC	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0057 0.0043 0.0057 0.0057 0.0049 0.0112 0.0124 0.0056 0.006 0.0124 0.0056 0.006 0.018 0.0104 0.0104 0.0076	/or GC-MS/MS 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 N
annabinoids alyte C CA CV D DA DV DVA G GA L LA N NA T THC THC THCA	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0057 0.0057 0.0057 0.0057 0.0057 0.0049 0.0112 0.0124 0.0056 0.006 0.018 0.018 0.0104 0.0104 0.0076 0.0084	/or GC-MS/MS 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 0.0227 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 alyte C CA CV D DA DV DVA G GA L LA N NA T THC THC THCA THCA THCV	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0057 0.0057 0.0057 0.0057 0.0057 0.0049 0.0112 0.0124 0.0056 0.006 0.018 0.018 0.0104 0.0076 0.0084 0.0069	/or GC-MS/MS 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 0.0227 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
annabinoids alyte C CA CV D DA DV DVA G GA L LA N NA T THC THC THC THCA THCV THCVA	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0057 0.0043 0.0057 0.0057 0.0049 0.012 0.0124 0.0056 0.006 0.018 0.018 0.0104 0.0076 0.0084 0.0069 0.0062	/or GC-MS/MS 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 0.0227 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
annabinoids alyte C CA CV D DA DV DVA G GA L LA N NA T THC THC THC THCA THCV THCVA R,9R,10aR)-HHC	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0057 0.0057 0.0049 0.012 0.0124 0.0056 0.006 0.018 0.0104 0.0076 0.0084 0.0069 0.0062 0.0067	/or GC-MS/MS 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 0.0227 0.0251 0.0206 0.0186 0.02	Result (%) ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N
annabinoids alyte C CA CV D DA DV DVA G GA L LA N NA T THC THC THC THCA THCV THCVA	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.0181 0.006 0.0081 0.0043 0.0043 0.0057 0.0043 0.0057 0.0057 0.0049 0.012 0.0124 0.0056 0.006 0.018 0.018 0.0104 0.0076 0.0084 0.0069 0.0062	/or GC-MS/MS 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 0.0227 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

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: 09/07/2023

Tested By: Scott Caudill Laboratory Manager Date: 09/07/2023





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HHC Vape Cartridge - Northern Lights - 1 ml

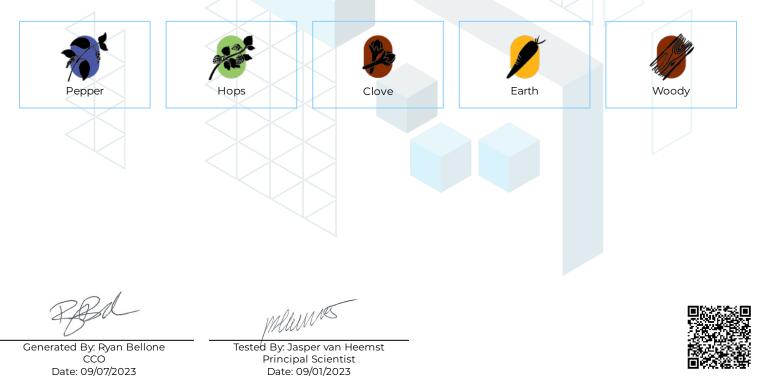
Sample ID: SA-230823-26219 Batch: 21AUG2023-HHCNL Type: Finished Product - Inhalable Matrix: Concentrate - Distillate Unit Mass (g):

Collected: 08/21/2023 Received: 08/28/2023 Completed: 09/07/2023 **Client** 3Chi 275 Medical Dr #857 Carmel, IN 46082 USA Lic. #: 18_0235

Terpenes by GC-MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α -Bisabolol	0.002	0.01	ND	Limonene	0.002	0.01	0.136
(+)-Borneol	0.002	0.01	<loq< td=""><td>Linalool</td><td>0.002</td><td>0.01</td><td>0.0504</td></loq<>	Linalool	0.002	0.01	0.0504
Camphene	0.002	0.01	<loq< td=""><td>β-myrcene</td><td>0.002</td><td>0.01</td><td>0.111</td></loq<>	β-myrcene	0.002	0.01	0.111
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	0.768	trans-Nerolidol	0.002	0.01	0.0175
Caryophyllene Oxide	0.002	0.01	ND	Ocimene	0.002	0.01	0.0568
α -Cedrene	0.002	0.01	ND	α -Phellandrene	0.002	0.01	0.0616
Cedrol	0.002	0.01	ND	α -Pinene	0.002	0.01	0.0483
Eucalyptol	0.002	0.01	<loq< td=""><td>β-Pinene</td><td>0.002</td><td>0.01</td><td>0.0328</td></loq<>	β-Pinene	0.002	0.01	0.0328
Fenchone	0.004	0.02	ND	Pulegone	0.002	0.01	ND
Fenchyl Alcohol	0.002	0.01	<loq< td=""><td>Sabinene</td><td>0.002</td><td>0.01</td><td>ND</td></loq<>	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	0.00771
α -Humulene	0.002	0.01	0.318	γ-Terpineol	0.001	0.005	ND
Isoborneol	0.002	0.01	ND	Terpinolene	0.002	0.01	0.134
lsopulegol	0.002	0.01	ND	Valencene	0.002	0.01	ND
				Total Terpenes (%)			1.78

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





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HHC Vape Cartridge - Northern Lights - 1 ml

Sample ID: SA-23082 Batch: 21AUG2023-HH Type: Finished Produc Matrix: Concentrate - Unit Mass (g):	ICNL ct - Inhalable	Collected: 08/21/2023 Received: 08/28/2023 Completed: 09/07/2023	Client 3Chi 275 Medical Dr #857 Carmel, IN 46082 USA Lic. #: 18_0235
Heavy Metals			
Heavy Metals	by ICP-MS	LOQ (ppb)	Result (ppb)
		LOQ (ppb) 20	Result (ppb)
Analyte			
Analyte Arsenic		20	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: 09/07/2023

Tested By: Chris Farman

ested By: Chris Farmar Scientist Date: 09/01/2023





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HHC Vape Cartridge - Northern Lights - 1 ml

Sample ID: SA-230823-26219 Batch: 21AUG2023-HHCNL Type: Finished Product - Inhalable Matrix: Concentrate - Distillate Unit Mass (g):

Collected: 08/21/2023 Received: 08/28/2023 Completed: 09/07/2023 **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)
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
\times	<			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: 09/07/2023

Humes Tested By: Jasper van Heemst



Tested By: Jasper van Heemst Principal Scientist Date: 09/05/2023



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HHC Vape Cartridge - Northern Lights - 1 ml

Sample ID: SA-230823-26 Batch: 21AUG2023-HHCN Type: Finished Product - I Matrix: Concentrate - Dist Unit Mass (g):	L nhalable	Collected: 08/21/2023 Received: 08/28/2023 Completed: 09/07/20	3 275 Medical Dr #857
Mycotoxins by I Analyte	-C-MS/MS	LOQ (ppb)	Result (ppb)
BI	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: 09/07/2023

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Tested By: Jasper van Heemst Principal Scientist Date: 09/05/2023





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HHC Vape Cartridge - Northern Lights - 1 ml

Sample ID: SA-230823-26219 Batch: 21AUG2023-HHCNL Type: Finished Product - Inhalable Matrix: Concentrate - Distillate Unit Mass (g):	Received	d: 08/21/2023 d: 08/28/2023 red: 09/07/2023	Client 3Chi 275 Medical Dr #857 Carmel, IN 46082 USA Lic. #: 18_0235
Microbials by PCR and Pla	iting		
Microbials by PCR and Pla Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Analyte		Result (CFU/g) ND	Result (Qualitative)
Analyte Total aerobic count			Result (Qualitative)
Analyte Total aerobic count Total coliforms		ND	Result (Qualitative)
		ND ND	Result (Qualitative)

Generated By: Ryan Bellone CCO Date: 09/07/2023

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Tested By: Matt Zachman Laboratory Technician Date: 08/31/2023





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HHC Vape Cartridge - Northern Lights - 1 ml

Sample ID: SA-230823-26219 Batch: 21AUG2023-HHCNL Type: Finished Product - Inhalable Matrix: Concentrate - Distillate Unit Mass (g):

Collected: 08/21/2023 Received: 08/28/2023 Completed: 09/07/2023 **Client** 3Chi 275 Medical Dr #857 Carmel, IN 46082 USA Lic. #: 18_0235

Residual Solvents by HS-GC-MS

Ameliate	LOD	LOQ	Result	Antohata	LOD	LOQ	Result
Analyte	(ppm)	(ppm)	(ppm)	Analyte	(ppm)	(ppm)	(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: 09/07/2023

Tested By: Scott Caudill Laboratory Manager Date: 09/01/2023





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Pesticides - CA DCC

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HHC Vape Cartridge - Northern Lights - 1 ml

Sample ID: SA-230823-26219 Batch: 21AUG2023-HHCNL Type: Finished Product - Inhalable Matrix: Concentrate - Distillate Unit Mass (g):

Collected: 08/21/2023 Received: 08/28/2023 Completed: 09/07/2023

Client

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

Reporting Limit Appendix

Heavy Metals - Colorado CDPHE

Analyte	Limit (ppb) Analyte	Limit (ppb)
Arsenic	1500	Lead	500
Cadmium	500	Mercury	1500

Microbials -

Analyte	Limit (CFU/ g) Analyte	Limit (CFU/ g)
Total coliforms	100 Total aerobic count	100000

Residual Solvents - USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	5000	Ethylene Glycol	620
Acetonitrile	410	Ethylene Oxide	1
Benzene	2	Heptane	5000
Butane	5000	n-Hexane	290
1-Butanol	5000	Isobutane	5000
2-Butanol	5000	Isopropyl Acetate	5000
2-Butanone	5000	Isopropyl Alcohol	5000
Chloroform	60	Isopropylbenzene	5000
Cyclohexane	3880	Methanol	3000
1,2-Dichloroethane	5	2-Methylbutane	290
1,2-Dimethoxyethane	100	Methylene Chloride	600
Dimethyl Sulfoxide	5000	2-Methylpentane	290
N,N-Dimethylacetamide	1090	3-Methylpentane	290
2,2-Dimethylbutane	290	n-Pentane	5000
2,3-Dimethylbutane	290	1-Pentanol	5000
N,N-Dimethylformamide	880	n-Propane	5000
2,2-Dimethylpropane	5000	1-Propanol	5000
1,4-Dioxane	380	Pyridine	200
Ethanol	5000	Tetrahydrofuran	720
2-Ethoxyethanol	160	Toluene	890
Ethyl Acetate	5000	Trichloroethylene	80
Ethyl Ether	5000	Tetramethylene Sulfone	160
Ethylbenzene	70	Xylenes (o-, m-, and p-)	2170

Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acephate	5000	Hexythiazox	2000
Acetamiprid	5000	Imazalil	30

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

Mycotoxins - Colorado CDPHE

Analyte	Limit (ppm) Analyte	Limit (ppm)
B1	5 B2	5
GI	5 G2	5
Ochratoxin A	5	

