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1 of 8

HHC Vape Cartridge - Snowman - 1 ml

Sample ID: SA-230412-2 Batch: 10APR2023-HHC Type: Finished Products Matrix: Concentrate - Di Jnit Mass (g):	SM	Collected: 04/1 Received: 04/1 Completed: 05	9/2023		Carm USA	edical Dr #85 el, IN 46082 18_0235	57
	TOAPP2025 HICSM		Sumi Test Cannab Heavy N Microbia Mycotow Pesticid Residua Terpene	inoids Metals als xins les Il Solvents	Date Te 04/27/20 04/20/2 04/25/20 04/24/2 04/24/2 05/08/20 05/01/20	023 023 023 023 023 023 023	Status Tested Tested Tested Tested Tested Tested Tested
0.122 %	56.0 %	94.8 %	Not Tes	ted	Not Test	ed	Yes
Total ∆9-THC	(6aR,9S,10aR)-HHC	Total Cannabinoids	Moisture C	Content	Foreign M	atter I	nternal Standard Normalization
	by HPLC-PDA, L	C-MS/MS, and	l/or GC-M			atter I	Normalization
Cannabinoids	by HPLC-PDA, L				Foreign M Result (%)	atter I	
Cannabinoids Analyte CBC	by HPLC-PDA, L	C-MS/MS, and LOD (%)	i/or GC-M <u>Loq</u> (%) 0.0284		Result (%) ND	atter	Result (mg/g)
Cannabinoids Analyte CBC CBCV	by HPLC-PDA, L	C-MS/MS, and (%) 0.0095 0.006	LOQ (%) 0.0284 0.018		Result (%) ND ND	atter	Result (mg/g) ND ND
Cannabinoids Analyte CBC CBCV CBD	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.006 0.0081	LOQ (%) 0.0284 0.018 0.0242		Result (%) ND ND ND ND	atter	Normalization Result (mg/g) ND ND ND ND ND
Cannabinoids Analyte EBC EBCV EBD EBDV	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.006 0.006 0.0081 0.0061	LOQ (%) 0.0284 0.018 0.0242 0.0182		Result (%) ND ND ND ND ND	atter	Normalization Result (mg/g) ND ND ND ND ND ND ND
Cannabinoids Analyte CBC CBCV CBD CBDV CBDV CBG	by HPLC-PDA, L	C-MS/MS, and (%) 0.0095 0.006 0.0081 0.0061 0.0057	5/or GC-M Loq (%) 0.0284 0.018 0.0242 0.0182 0.0182 0.0172		Result (%) ND ND ND ND ND ND	atter	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND
Cannabinoids Analyte CBC CBCV CBD CBDV CBC CBCV CBC CBL	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.006 0.0081 0.0061 0.0057 0.0112	LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0182 0.0172 0.0335		Result (%) ND ND ND ND ND ND ND ND	atter	Normalization Result (mg/g) ND
Cannabinoids Analyte CBC CBCV CBD CBDV CBG CBL CBN	by HPLC-PDA, L	C-MS/MS, and (%) 0.0095 0.006 0.0081 0.0061 0.0057 0.0112 0.0056	d/or GC-M Loq (%) 0.0284 0.018 0.0242 0.0182 0.0182 0.0172 0.0335 0.0169		Result (%) ND ND ND ND ND ND ND ND	atter	Normalization Result (mg/g) ND
Cannabinoids Analyte CBC CBCV CBD CBDV CBG CBL CBN CBT	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.006 0.0081 0.0061 0.0057 0.012 0.0056 0.018	d/or GC-M LoQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054		Result (%) ND ND ND ND ND ND ND ND ND ND	atter	Normalization Result (mg/g) ND
Cannabinoids Analyte CBC CBCV CBD CBDV CBG CBL CBN CBN CBT A8-THC	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.006 0.0081 0.0061 0.0057 0.012 0.0056 0.018 0.018 0.0194	d/or GC-M LoQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.0312		Result (%) ND ND ND ND ND ND ND ND ND ND 3.28	atter	Normalization Result (mg/g) ND
Cannabinoids Analyte CBC CBCV CBD CBDV CBG CBL CBN CBL CBN CBT A8-THC A9-THC	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.006 0.0081 0.0057 0.012 0.0056 0.018 0.018 0.018 0.0194 0.0076	d/or GC-M LoQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.0312 0.0227		Result (%) ND ND ND ND ND ND ND ND ND ND ND 3.28 0.122	atter	Normalization Result (mg/g) ND S2.8 1.22
Cannabinoids Analyte CBC CBCV CBD CBDV CBG CBL CBN CBL CBN CBT A8-THC A9-THC	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.006 0.0081 0.0061 0.0057 0.012 0.0056 0.018 0.018 0.0194	d/or GC-M LoQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.0312		Result (%) ND ND ND ND ND ND ND ND ND ND 3.28	atter	Normalization Result (mg/g) ND S2.8 1.22 ND
Cannabinoids Analyte CBC CBC CBC CBD CBDV CBG CBL CBN CBT A8-THC A9-THC A9-THC	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.006 0.0081 0.0057 0.012 0.0056 0.018 0.018 0.018 0.0194 0.0076	d/or GC-M LoQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.0312 0.0227		Result (%) ND ND ND ND ND ND ND ND ND ND ND 3.28 0.122	atter	Normalization Result (mg/g) ND S2.8 1.22
Cannabinoids Analyte CBC CBC CBC CBD CBDV CBG CBL CBN CBT A8-THC A9-THC A9-THC A9-THCV (6aR,9R,10aR)-HHC	by HPLC-PDA, L	C-MS/MS, and (%) 0.0095 0.006 0.0081 0.0061 0.0057 0.0112 0.0056 0.018 0.018 0.0104 0.0076 0.0069	d/or GC-M LoQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.0312 0.0227 0.0206		Result (%) ND ND ND ND ND ND ND ND ND ND 3.28 0.122 ND	atter	Normalization Result (mg/g) ND S2.8 1.22 ND
	by HPLC-PDA, L	C-MS/MS, and LOD (%) 0.0095 0.006 0.0081 0.0061 0.0057 0.0112 0.0056 0.018 0.018 0.018 0.018 0.0194 0.0076 0.0069 0.0069	d/or GC-M LoQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.0312 0.0227 0.0206 0.02		Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	atter	Normalization Result (mg/g) ND S2.8 1.22 ND 354

Generated By: Ryan Bellone CCO Date: 05/08/2023

Tested By: Scott Caudill Senior Scientist Date: 04/27/2023





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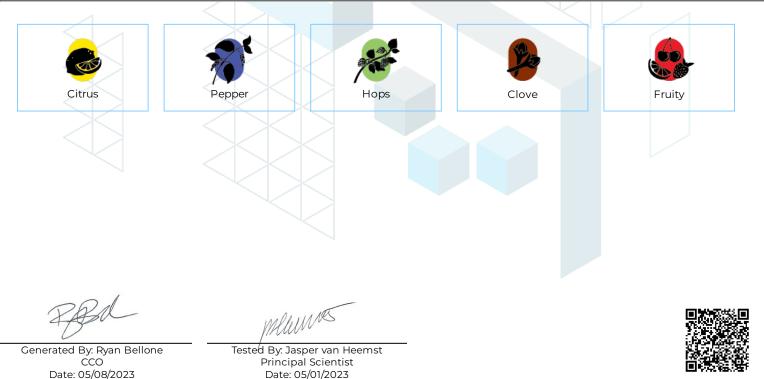
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HHC Vape Cartridge - Snowman - 1 ml

Client Sample ID: SA-230412-20315 3Chi Collected: 04/10/2023 Batch: 10APR2023-HHCSM 275 Medical Dr #857 Received: 04/19/2023 Type: Finished Products Completed: 05/08/2023 Carmel, IN 46082 Matrix: Concentrate - Distillate USA Unit Mass (g): Lic. #: 18_0235 **Terpenes by GC-MS**

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α -Bisabolol	0.002	0.01	0.07908	Limonene	0.002	0.01	0.79767
(+)-Borneol	0.002	0.01	ND	Linalool	0.002	0.01	0.1707
Camphene	0.002	0.01	0.0242	β-myrcene	0.002	0.01	0.42166
Camphor	0.004	0.02	<loq< td=""><td>Nerol</td><td>0.002</td><td>0.01</td><td>ND</td></loq<>	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	0.50541	trans-Nerolidol	0.002	0.01	ND
Caryophyllene Oxide	0.002	0.01	0.01761	Ocimene	0.002	0.01	ND
α -Cedrene	0.002	0.01	ND	α -Phellandrene	0.002	0.01	0.11631
Cedrol	0.002	0.01	ND	α -Pinene	0.002	0.01	0.08854
Eucalyptol	0.002	0.01	<loq< td=""><td>β-Pinene</td><td>0.002</td><td>0.01</td><td>0.11033</td></loq<>	β-Pinene	0.002	0.01	0.11033
Fenchone	0.004	0.02	ND	Pulegone	0.002	0.01	ND
Fenchyl Alcohol	0.002	0.01	0.06547	Sabinene	0.002	0.01	ND
Geraniol	0.002	0.01	<loq< td=""><td>Sabinene Hydrate</td><td>0.002</td><td>0.01</td><td>ND</td></loq<>	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<>
Hexadhydrothymol	0.002	0.01	0.0108	α -Terpineol	0.001	0.005	0.05116
α -Humulene	0.002	0.01	0.05449	γ-Terpineol	0.001	0.005	ND
Isoborneol	0.002	0.01	<loq< td=""><td>Terpinolene</td><td>0.002</td><td>0.01</td><td>0.03515</td></loq<>	Terpinolene	0.002	0.01	0.03515
Isopulegol	0.002	0.01	ND	Valencene	0.002	0.01	ND
				Total Terpenes (%)			2.59

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 - Snowman - 1 ml

Sample ID: SA-230412-20315 Batch: 10APR2023-HHCSM Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g): Heavy Metals by ICP-MS		Collected: 04/10/2023 Received: 04/19/2023 Completed: 05/08/2023	Client 3Chi 275 Medical Dr #857 Carmel, IN 46082 USA Lic. #: 18_0235
Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	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 ссо Date: 05/08/2023

Tested By: Kelsey Rogers Scientist Date: 04/20/2023



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HHC Vape Cartridge - Snowman - 1 ml

Sample ID: SA-230412-20315 Batch: 10APR2023-HHCSM Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Collected: 04/10/2023 Received: 04/19/2023 Completed: 05/08/2023 **Client** 3Chi 275 Medical Dr #857 Carmel, IN 46082 USA Lic. #: 18_0235

Pesticides by LC-MS/MS

Amahata	LOD	LOQ	Result	Amelia	LOD	LOQ	Result
Analyte	(ppb)	(ppb)	(ppb)	Analyte	(ppb)	(ppb)	(ppb)
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Azoxystrobin	30	100	ND	Imidacloprid	30	100	ND
Bifenazate	30	100	ND	Kresoxim methyl	30	100	ND
Bifenthrin	30	100	ND	Malathion	30	100	ND
Boscalid	30	100	ND	Metalaxyl	30	100	ND
Carbaryl	30	100	ND	Methiocarb	30	100	ND
Carbofuran	30	100	ND	Methomyl	30	100	ND
Chloranthraniliprole	30	100	ND	Mevinphos	30	100	ND
Chlorfenapyr	30	100	ND	Myclobutanil	30	100	ND
Chlorpyrifos	30	100	ND	Naled	30	100	ND
Clofentezine	30	100	ND	Oxamyl	30	100	ND
Coumaphos	30	100	ND	Paclobutrazol	30	100	ND
Daminozide	30	100	ND	Permethrin	30	100	ND
Diazinon	30	100	ND	Phosmet	30	100	ND
Dichlorvos	30	100	ND	Piperonyl Butoxide	30	100	ND
Dimethoate	30	100	ND	Prallethrin	30	100	ND
Dimethomorph	30	100	ND	Propiconazole	30	100	ND
Ethoprophos	30	100	ND	Propoxur	30	100	ND
Etofenprox	30	100	ND	Pyrethrins	30	100	ND
Etoxazole	30	100	ND	Pyridaben	30	100	ND
Fenhexamid	30	100	ND	Spinetoram	30	100	ND
Fenoxycarb	30 <	100	ND	Spinosad	30	100	ND
Fenpyroximate	30	100	ND	Spiromesifen	30	100	ND
Fipronil	30	100	ND	Spirotetramat	30	100	ND
Flonicamid	30	100	ND	Spiroxamine	30	100	ND
Fludioxonil	30	100	ND	Tebuconazole	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: 05/08/2023

Humes



Tested By: Jasper van Heemst Principal Scientist Date: 04/24/2023

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HHC Vape Cartridge - Snowman - 1 ml

Sample ID: SA-230412- Batch: 10APR2023-HH Type: Finished Product Matrix: Concentrate - D Unit Mass (g):	CSM s	Collected: 04/10/202 Received: 04/19/202 Completed: 05/08/20	3 275 Medical Dr #857
Mycotoxins by	LC-MS/MS	LOQ (ppb)	Result (ppb)
B1		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: 05/08/2023

illum^{its} Tested By: Jasper van Heemst

Fested By: Jasper van Heems Principal Scientist Date: 04/24/2023



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HHC Vape Cartridge - Snowman - 1 ml

Sample ID: SA-230412-20315 Batch: 10APR2023-HHCSM Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):	Collected: 04/10 Received: 04/19 Completed: 05/	9/2023 275 Medical Dr #857
Microbials by PCR and Plat	ing	
Analyte	LOD (CFU/g)	Result (CFU/g)
Total aerobic count		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: 05/08/2023

Tested By: Lucy Jones Scientist Date: 04/25/2023



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HHC Vape Cartridge - Snowman - 1 ml

Sample ID: SA-230412-20315 Batch: 10APR2023-HHCSM Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Collected: 04/10/2023 Received: 04/19/2023 Completed: 05/08/2023 **Client** 3Chi 275 Medical Dr #857 Carmel, IN 46082 USA Lic. #: 18_0235

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

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Generated By: Ryan Bellone CCO Date: 05/08/2023

Tested By: Scott Caudill Senior Scientist Date: 05/08/2023



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Pesticides - CA DCC

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HHC Vape Cartridge - Snowman - 1 ml

Sample ID: SA-230412-20315 Batch: 10APR2023-HHCSM Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Collected: 04/10/2023 Received: 04/19/2023 Completed: 05/08/2023

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

Mycotoxins - Colorado CDPHE

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



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 and provide measurement uncertainty upon request.