1 of 9

# 5,000MG Delta 8 Tincture

Sample ID: SA-250717-65420 Batch: HC8-5D8-0825 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

Received: 07/21/2025 Completed: 09/30/2025 Client Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231 USA

Lic. #: 405998

NO PORTOR OF THE PORTOR OF THE

**KCA Laboratories** 

232 North Plaza Drive

Nicholasville, KY 40356

Test
Cannabinoids
Foreign Matter
Heavy Metals
Microbials
Microbials

08/04/2025 07/21/2025 07/24/2025 09/30/2025 08/08/2025 07/28/2025 07/29/2025 07/23/2025

**Date Tested** 

Status
Tested
Tested
Passed
Passed
Passed
Passed
Passed
Passed
Passed

**0.111 mg/mL**Total Δ9-THC

**159 mg/mL** Δ8-THC

**166 mg/mL**Total Cannabinoids

**Not Tested**Moisture Content

Mycotoxins

Residual Solvents

Pesticides

Not Detected
Foreign Matter

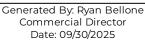
Internal Standard Normalization

Yes











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2 of 9

# 5,000MG Delta 8 Tincture

Sample ID: SA-250717-65420 Batch: HC8-5D8-0825 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

Received: 07/21/2025 Completed: 09/30/2025 Client

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

Lic. #: 405998

# Cannabinoids by HPLC-PDA and GC-MS/MS

· · · · · · · · · · · · · · · · · · ·					
Analyte	LOD	LOQ	Result	Result	Result
Allalyte	(mg/mL)	(mg/mL)	(mg/mL)	(%)	(mg/unit)
CBC	0.00095	0.00284	ND	ND	ND
CBCA	0.00181	0.00543	ND	ND	ND
CBCV	0.0006	0.0018	ND	ND	ND
CBD	0.00081	0.00242	0.0443	0.00463	1.33
CBDA	0.00043	0.0013	ND	ND	ND
CBDV	0.00061	0.00182	0.0229	0.00239	0.687
CBDVA	0.00021	0.00063	ND	ND	ND
CBG	0.00057	0.00172	ND	ND	ND
CBGA	0.00049	0.00147	ND	ND	ND
CBL	0.00112	0.00335	ND	ND	ND
CBLA	0.00124	0.00371	ND	ND	ND
CBN	0.00056	0.00169	2.15	0.225	64.6
CBNA	0.0006	0.00181	ND	ND	ND
CBT	0.0018	0.0054	0.0812	0.00848	2.44
\4,8-iso-THC	0.00067	0.002	0.148	0.0154	4.43
\8-iso-THC	0.00067	0.002	4.08	0.426	122
\8-THC	0.00104	0.00312	159	16.6	4770
8-THC acetate	0.00067	0.002	ND	ND	ND
8-THCP	0.00067	0.002	ND <	ND	ND
\8-THCV	0.00067	0.002	0.364	0.0380	10.9
∆9-THC	0.00076	0.00227	0.111	0.0116	3.34
v9-THC acetate	0.00067	0.002	ND	ND	ND
9-THCA	0.00084	0.00251	ND	ND	ND
19-THCP	0.00067	0.002	ND	ND	ND
∆9-THCV	0.00069	0.00206	ND	ND	ND
9-THCVA	0.00062	0.00186	ND	ND	ND
exo-THC	0.00067	0.002	ND	ND	ND
6a R, 9 R, 10a R) - HHC	0.00067	0.002	ND	ND	ND
6aR,9S,10aR)-HHC	0.00067	0.002	ND	ND	ND
Total Δ9-THC			0.111	0.0116	3.34
rotal .			166	17.3	4980

ND = Not Detected; NR = Sample matrix interference present which may affect accuracy of results; NT = Not Tested; UA = Unsuitable for Analysis; NR = (Spike) Not Recoverable; LOD = Limit of Detection; LOQ =  $\text{Limit of Quantitation; RL = Reporting Limit; } \Delta = \text{Delta; Total } \Delta 9\text{-THC} = \Delta 9\text{-THCA} * 0.877 + \Delta 9\text{-THC; Total CBD} = \text{CBDA} * 0.877 + \text{CBD; } \Delta 9\text{-THCA} * 0.877 + \Delta 9\text{-THCA} * 0.8$ 

Generated By: Ryan Bellone

Commercial Director

Tested By: Scott Caudill Laboratory Manager Date: 08/04/2025











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#### 5,000MG Delta 8 Tincture

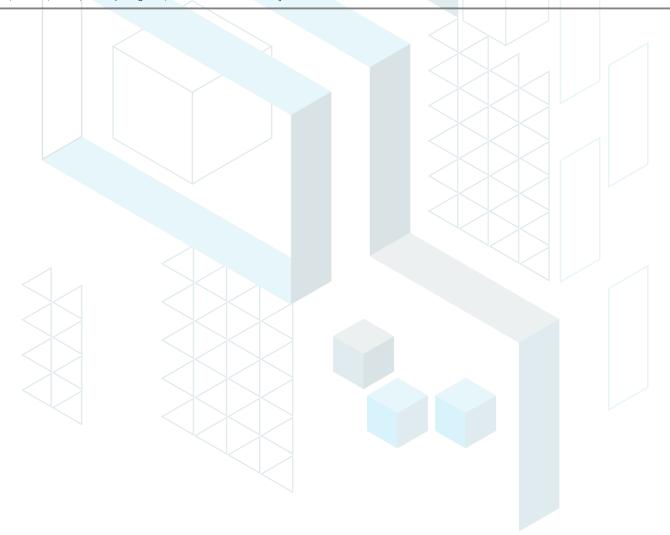
Sample ID: SA-250717-65420 Batch: HC8-5D8-0825 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

Received: 07/21/2025 Completed: 09/30/2025 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	Р
Cadmium	0.001	0.02	ND	Р
Lead	0.002	0.02	ND	Р
Mercury	0.012	0.05	ND	Р

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; 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 Commercial Director Date: 09/30/2025 Tested By: Chris Farman Scientist Date: 07/24/2025





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#### 5,000MG Delta 8 Tincture

Sample ID: SA-250717-65420 Batch: HC8-5D8-0825 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

Received: 07/21/2025 Completed: 09/30/2025 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	P
Acephate	30	100	ND	Р	Imazalil	30	100	ND	Р
Acetamiprid	30	100	ND	Р	Imidacloprid	30	100	ND	Р
Aldicarb	30	100	ND	Р	Kresoxim methyl	30	100	ND	Р
Azoxystrobin	30	100	ND	Р	Malathion	30	100	ND	Р
Bifenazate	30	100	ND	Р	Metalaxyl	30	100	ND	Р
Boscalid	30	100	ND	Р	Methiocarb	30	100	ND	Р
Captan	30	100	ND	Р	Methomyl	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
Chlordane	30	100	ND	Р	Oxamyl	30	100	ND	Р
Chlorfenapyr	30	100	ND	Р	Paclobutrazol	30	100	ND	Р
Chlorpyrifos	30	100	ND	Р	Parathion methyl	30	100	ND	Р
Clofentezine	30	100	ND	Р	Pentachloronitrobenzene	30	100	ND	Р
Coumaphos	30	100	ND	Р	Phosmet	30	100	ND	Р
Daminozide	30	100	ND	Р	Piperonyl Butoxide	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	Spinetoram	30	100	ND	Р
Ethoprophos	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	P	Spiroxamine	30	100	ND	Р
Fenpyroximate	30	100	ND	Р	Tebuconazole	30	100	ND	Р
Fipronil	30	100	ND	Р	Thiacloprid	30	100	ND	Р
Flonicamid	30	100	ND	P	Thiamethoxam	30	100	ND	Р
Fludioxonil	30	100	ND	Р	Trifloxystrobin	30	100	ND	Р

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; 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 Commercial Director Date: 09/30/2025

Authorized By: Jasper van Heemst Principal Scientist Date: 07/29/2025







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#### 5,000MG Delta 8 Tincture

Sample ID: SA-250717-65420 Batch: HC8-5D8-0825 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

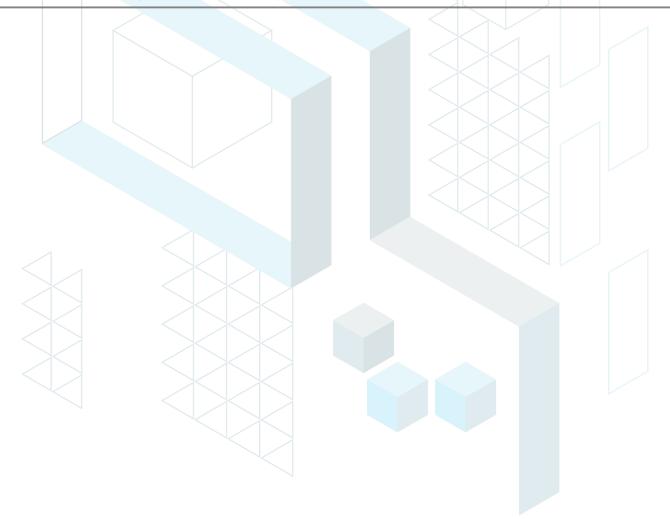
Received: 07/21/2025 Completed: 09/30/2025 Client
Highly Concentr8ed
2144 Gulf Gate Dr.
Sarasota, FL 34231
USA

Lic. #: 405998

# Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	P/F
В1	1	5	ND	Р
B2	1	5	ND	Р
G1	1	5	ND	Р
G2	1	5	ND	P
Ochratoxin A	1	5	ND	P

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; 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 Commercial Director Date: 09/30/2025 Tested By: Jasper van Heemst Principal Scientist Date: 07/28/2025





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#### **Certificate of Analysis**

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# 5,000MG Delta 8 Tincture

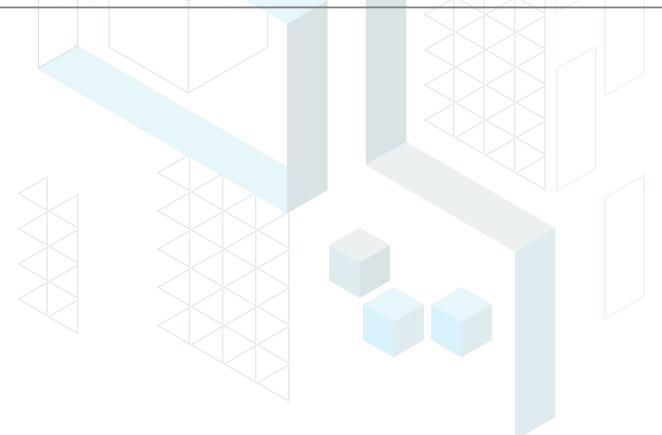
Sample ID: SA-250717-65420 Batch: HC8-5D8-0825 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

Received: 07/21/2025 Completed: 09/30/2025 Client Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231 USA Lic. #: 405998

Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)	P/F
Aspergillus flavus	1		Not Detected per 1 gram	Р
Aspergillus fumigatus	1		Not Detected per 1 gram	Р
Aspergillus niger	1		Not Detected per 1 gram	P
Aspergillus terreus	1		Not Detected per 1 gram	P
Bile-tolerant gram-negative bacteria	10	ND		Р
Total coliforms	10	ND		Р
Generic E. coli	10	ND		Р
Salmonella spp.	1		Not Detected per 1 gram	Р
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram	Р
Total yeast and mold count (TYMC)	10	ND		Р

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone Commercial Director Date: 09/30/2025

Tested By: Sara Cook Laboratory Technician Date: 09/30/2025





#### **KCA Laboratories** 232 North Plaza Drive

Nicholasville, KY 40356

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#### **Certificate of Analysis**

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#### 5,000MG Delta 8 Tincture

Sample ID: SA-250717-65420 Batch: HC8-5D8-0825 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

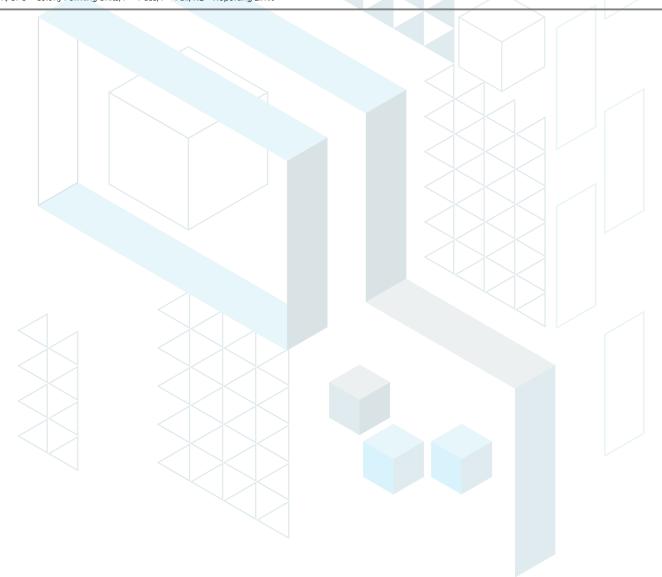
Received: 07/21/2025 Completed: 09/30/2025 Client Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231 USA

Lic. #: 405998

# Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	P/F
Total aerobic count	1000	<rl< td=""><td>P</td></rl<>	P

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone

Commercial Director

Date: 09/30/2025

Tested By: Sara Cook Laboratory Technician Date: 08/08/2025







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#### 5,000MG Delta 8 Tincture

Sample ID: SA-250717-65420 Batch: HC8-5D8-0825 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

Received: 07/21/2025 Completed: 09/30/2025 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	P	Ethylene Oxide	0.5	1	ND	Р
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	Р	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	Р	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					

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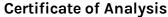
Red

Tested By: Kelsey Rogers Scientist Date: 07/23/2025



Generated By: Ryan Bellone Commercial Director Date: 09/30/2025

This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 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.





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# 5,000MG Delta 8 Tincture

Sample ID: SA-250717-65420 Batch: HC8-5D8-0825 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

Received: 07/21/2025 Completed: 09/30/2025 Client

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

Lic. #: 405998

# **Reporting Limit Appendix**

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

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

#### Microbials -

Analyte	Limit (CFU/	Limit (CFU/
Allalyte	g) Allalyte	g)

#### 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)
Aldicarb	30	Kresoxim methyl	1000
Azoxystrobin	40000	Malathion	5000
Bifenazate	5000	Metalaxyl	15000
Boscalid	10000	Methiocarb	30
Captan	5000	Methomyl	100
Carbaryl	500	Mevinphos	30
Carbofuran	30	Myclobutanil	9000
Chloranthraniliprole	40000	Naled	500
Chlordane	30	Oxamyl	200
Chlorfenapyr	30	Paclobutrazol	30
Chlorpyrifos	30	Parathion methyl	30
Clofentezine	500	Pentachloronitrobenzene	200
Coumaphos	30	Phosmet	200
Daminozide	30	Piperonyl Butoxide	8000
Diazinon	200	Propiconazole	20000
Dichlorvos	30	Propoxur	30
Dimethoate	30	Pyrethrins	1000
Dimethomorph	20000	Spinetoram	3000
Ethoprophos	30	Spinosad	3000
Etoxazole	1500	Spiromesifen	12000
Fenhexamid	10000	Spirotetramat	13000
Fenoxycarb	30	Spiroxamine	30
Fenpyroximate	2000	Tebuconazole	2000
Fipronil	30	Thiacloprid	30
Flonicamid	2000	Thiamethoxam	4500
Fludioxonil	30000	Trifloxystrobin	30000

#### Mycotoxins - Colorado CDPHE

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

#### Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Abamectin	300	Hexythiazox	2000
Acephate	5000	Imazalil	30
Acetamiprid	5000	Imidacloprid	3000

