

COLORADO CHROMATOGRAPHY

INSPIRED BY NATURE

DRIVEN BY SCIENCE

Chain of Custody

Questions

Email:

info@coloradochromatography.com

Phone: (303)-856-3244

Sales


Email: sales@coloradochromatography.com

Phone: (720)-305-6780

Quality

Email: ivan.cruces@coloradochromatography.com

Phone: (682)-597-3287

 <small>COLORADO CHROMATOGRAPHY</small> <small>INSPIRED BY NATURE DRIVEN BY SCIENCE</small>	Form Title: <h2 style="text-align: center;">Chain of Custody</h2>	Form Number		
		2.	FRM.17	.0

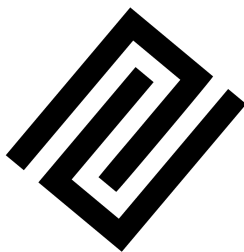
Transfer	<input type="checkbox"/> Receiving <input checked="" type="checkbox"/> Releasing	Date of Transfer	01/05/22
Company	KaliBloom	Batch No.	9.12.21

Material to be Transferred	
Product	Hexahydrocannabinol
Description	Slightly clear/yellow oil
Total Weight	50kg
Transfer Method	Delivery

Proof of Transfer			
Releasing Company	Colorado Chromatography Labs, LLC	Receiving Company	KaliBloom
Name (Print)	Ivan Cruces	Name (Print)	Taylor Schefer
Signature	<i>Ivan Cruces</i>	Signature	
Date	01/20/2022	Date	

Additional Notes:

Quality Disposition (Accept/Reject)	Accept
Quality Approval Signature / Date:	<i>Ivan Cruces</i>



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Allergen Statement

This statement certifies that Colorado Chromatography does not use or store any of the 14 major food allergens on site.

Dated June 11, 2021

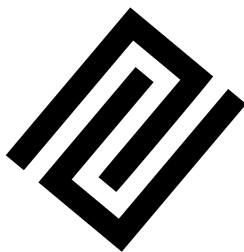
Ivan Cruces

Verified by PDFFiller

Ivan Cruces

07/06/2021

Quality Assurance Manager
Colorado Chromatography Labs



COLORADO CHROMATOGRAPHY

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Country of Origin Statement

This statement certifies that the following products originate from Parker, Colorado 80134

CBD (Cannabidiol)

CBN (Cannabinol)

CBC (Cannabichromene)

CBG (Cannabigerol)

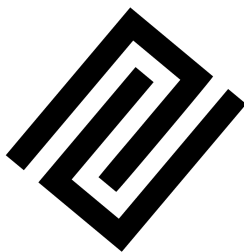
CBDQ (Cannabidiol Hydroxyquinone)

THCV (Tetrahydrocannabivarin)

Dated April 6, 2021

Westley Cruces
Verified by PDFFiller
Westley Cruces
07/06/2021

Chief Science Officer
Colorado Chromatography Labs



COLORADO CHROMATOGRAPHY

INSPIRED BY NATURE

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Irradiation Statement

This statement certifies that Colorado Chromatography does not use irradiation in our processes.

Dated June 11, 2021

Ivan Cruces

Verified by PDFFiller

Ivan Cruces

07/06/2021

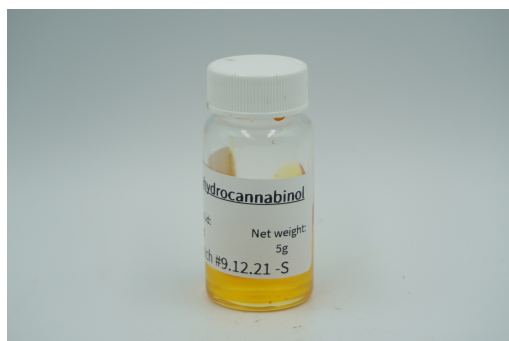
Quality Assurance Manager
Colorado Chromatography Labs

Hexahydrocannabinol

Sample ID: SA-211230-6416
 Batch: 9.12.21
 Type: In-Process Materials
 Matrix: Concentrate - Distillate

Received: 12/30/2021
 Completed: 01/19/2022

Client
 Colorado Chromatography
 1050 S Progress Way, Unit 105
 Parker, CO 80134
 USA



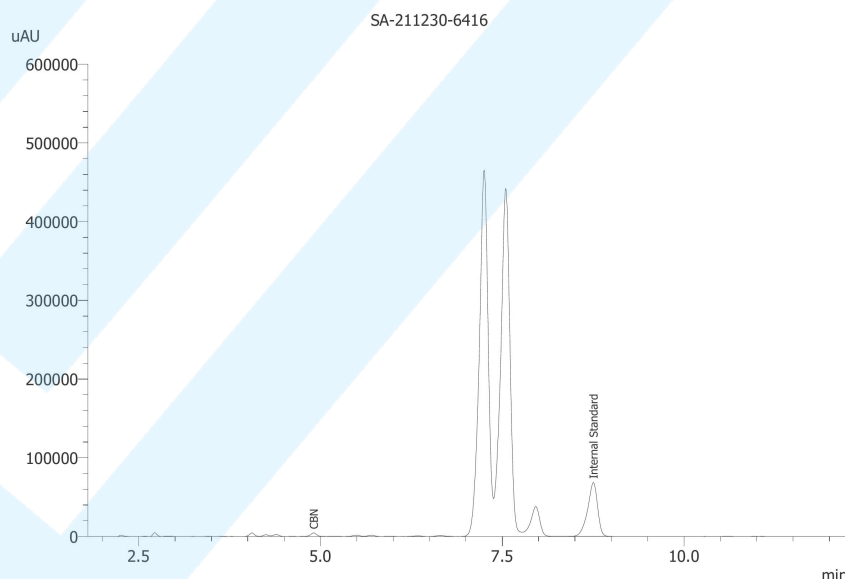
Summary

Test	Date Tested	Status
Cannabinoids	01/19/2022	Tested
Cannabinoids (Additional)	01/19/2022	Tested
Heavy Metals	01/19/2022	Tested
Microbials	01/10/2022	Tested
Mycotoxins	01/12/2022	Tested
Pesticides	01/12/2022	Tested
Residual Solvents	01/07/2022	Tested
Terpenes	01/07/2022	Tested

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

ND	0.128 %	0.128 %	Not Tested	Not Tested	Yes
Total Δ9-THC	CBN	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Marker Recovered

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	0.128	1.28
CBNA	0.006	0.0181	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0076	0.0227	ND	ND
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
Total Δ9-THC			ND	ND
Total CBD			ND	ND
Total			0.128	1.28



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



Generated By: Alex Morris
 Quality Assurance Manager
 Date: 01/20/2022



Tested By: Scott Caudill
 Senior Scientist
 Date: 01/19/2022



ISO/IEC 17025:2017 Accredited
 Accreditation #108651



Hexahydrocannabinol

Sample ID: SA-211230-6416
 Batch: 9.12.21
 Type: In-Process Materials
 Matrix: Concentrate - Distillate

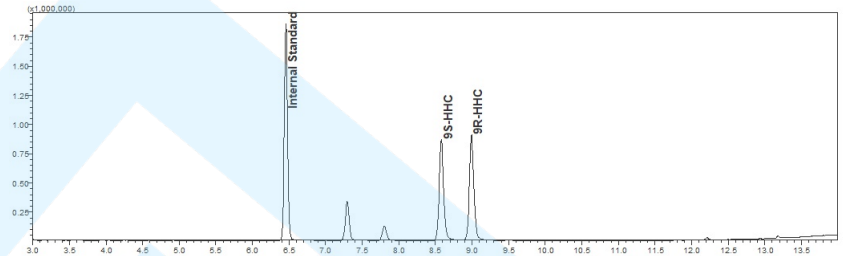
Received: 12/30/2021
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Client
 Colorado Chromatography
 1050 S Progress Way, Unit 105
 Parker, CO 80134
 USA



Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
(9R)-HHC			46.3	463.0
(9S)-HHC			51.0	510.0
Total Additional Cannabinoids			97.3	973.0
Total			97.5	975.0



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Generated By: Alex Morris
 Quality Assurance Manager
 Date: 01/20/2022



Tested By: Jasper van Heemst
 Principal Scientist
 Date: 01/19/2022



ISO/IEC 17025:2017 Accredited
 Accreditation #108651





KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

+1-833-KCA-LABS
<https://kcalabs.com>
KDA Lic.# P_0058

Certificate of Analysis

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Hexahydrocannabinol

Sample ID: SA-211230-6416
Batch: 9.12.21
Type: In-Process Materials
Matrix: Concentrate - Distillate

Received: 12/30/2021
Completed: 01/19/2022

Client
Colorado Chromatography
1050 S Progress Way, Unit 105
Parker, CO 80134
USA



Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

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

Generated By: Alex Morris
Quality Assurance Manager
Date: 01/20/2022

Tested By: Nicholas Howard
Scientist
Date: 01/19/2022



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 can provide measurement uncertainty upon request.

Hexahydrocannabinol

Sample ID: SA-211230-6416
 Batch: 9.12.21
 Type: In-Process Materials
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Received: 12/30/2021
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Client
 Colorado Chromatography
 1050 S Progress Way, Unit 105
 Parker, CO 80134
 USA



Pesticides by LC-MS/MS and GC-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
Aldicarb	30	100	ND	Malathion	30	100	ND
Azoxystrobin	30	100	ND	Metalaxyl	30	100	ND
Bifenazate	30	100	ND	Methiocarb	30	100	ND
Bifenthrin	30	100	ND	Methomyl	30	100	ND
Boscalid	30	100	ND	Mevinphos	30	100	ND
Carbaryl	30	100	ND	Myclobutanil	30	100	ND
Carbofuran	30	100	ND	Naled	30	100	ND
Chloranthraniliprole	30	100	ND	Oxamyl	30	100	ND
Chlorfenapyr	30	100	ND	Paclobutrazol	30	100	ND
Chlorpyrifos	30	100	ND	Permethrin	30	100	ND
Clofentezine	30	100	ND	Phosmet	30	100	ND
Coumaphos	30	100	ND	Piperonyl Butoxide	30	100	ND
Cypermethrin	30	100	ND	Prallethrin	30	100	ND
Daminozide	30	100	ND	Propiconazole	30	100	ND
Diazinon	30	100	ND	Propoxur	30	100	ND
Dichlorvos	30	100	ND	Pyrethrins	30	100	ND
Dimethoate	30	100	ND	Pyridaben	30	100	ND
Dimethomorph	30	100	ND	Spinetoram	30	100	ND
Ethoprophos	30	100	ND	Spinosad	30	100	ND
Etofenprox	30	100	ND	Spiromesifen	30	100	ND
Etoxazole	30	100	ND	Spirotetramat	30	100	ND
Fenhexamid	30	100	ND	Spiroxamine	30	100	ND
Fenoxycarb	30	100	ND	Tebuconazole	30	100	ND
Fenpyroximate	30	100	ND	Thiacloprid	30	100	ND
Flonicamid	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: Alex Morris
 Quality Assurance Manager
 Date: 01/20/2022



Tested By: Jared Burkhart
 Technical Manager
 Date: 01/12/2022





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Nicholasville, KY 40356

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KDA Lic.# P_0058

Certificate of Analysis

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Hexahydrocannabinol

Sample ID: SA-211230-6416
Batch: 9.12.21
Type: In-Process Materials
Matrix: Concentrate - Distillate

Received: 12/30/2021
Completed: 01/19/2022

Client
Colorado Chromatography
1050 S Progress Way, Unit 105
Parker, CO 80134
USA



Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Coliforms	1	ND	
Aerobic Bacteria	1	ND	
Salmonella			Not Detected per 1 gram
Total Enterobacteriaceae			Not Detected per 1 gram

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: Alex Morris
Quality Assurance Manager
Date: 01/20/2022

Tested By: Alex Morris
Quality Assurance Manager
Date: 01/10/2022



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Certificate of Analysis

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Hexahydrocannabinol

Sample ID: SA-211230-6416
Batch: 9.12.21
Type: In-Process Materials
Matrix: Concentrate - Distillate

Received: 12/30/2021
Completed: 01/19/2022

Client
Colorado Chromatography
1050 S Progress Way, Unit 105
Parker, CO 80134
USA



Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	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: Alex Morris
Quality Assurance Manager
Date: 01/20/2022

Tested By: Jared Burkhart
Technical Manager
Date: 01/12/2022



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Hexahydrocannabinol

Sample ID: SA-211230-6416
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 Type: In-Process Materials
 Matrix: Concentrate - Distillate

Received: 12/30/2021
 Completed: 01/19/2022

Client
 Colorado Chromatography
 1050 S Progress Way, Unit 105
 Parker, CO 80134
 USA



Residual Solvents by HS-GC-MS/MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (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	130	388	ND	2-Methylbutane	167	500	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
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
Ethylene Glycol	21	62	ND				

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



Generated By: Alex Morris
 Quality Assurance Manager
 Date: 01/20/2022



Tested By: Scott Caudill
 Senior Scientist
 Date: 01/07/2022



Hexahydrocannabinol

Sample ID: SA-211230-6416
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Client
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 1050 S Progress Way, Unit 105
 Parker, CO 80134
 USA



Terpenes by HS-GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α-Bisabolol	0.00001	0.00005	ND	Limonene	0.00001	0.00005	ND
(+)-Borneol	0.00001	0.00005	ND	Linalool	0.00001	0.00005	ND
Camphene	0.00001	0.00005	ND	β-myrcene	0.00001	0.00005	ND
Camphor	0.00001	0.00005	ND	Nerol	0.00001	0.00005	ND
3-Carene	0.00001	0.00005	ND	cis-Nerolidol	0.00001	0.00005	ND
β-Caryophyllene	0.00001	0.00005	ND	trans-Nerolidol	0.00001	0.00005	ND
Caryophyllene Oxide	0.00001	0.00005	ND	Ocimene	0.00001	0.00005	ND
α-Cedrene	0.00001	0.00005	ND	α-Phellandrene	0.00001	0.00005	ND
Cedrol	0.00001	0.00005	ND	α-Pinene	0.00001	0.00005	ND
Eucalyptol	0.00001	0.00005	ND	β-Pinene	0.00001	0.00005	ND
Fenchone	0.00001	0.00005	ND	Pulegone	0.00001	0.00005	ND
Fenchyl Alcohol	0.00001	0.00005	ND	Sabinene	0.00001	0.00005	ND
Geraniol	0.00001	0.00005	ND	Sabinene Hydrate	0.00001	0.00005	ND
Geranyl Acetate	0.00001	0.00005	ND	α-Terpinene	0.00001	0.00005	ND
Guaiol	0.00001	0.00005	ND	γ-Terpinene	0.00001	0.00005	ND
Hexadhydrothymol	0.00001	0.00005	ND	α-Terpineol	0.00001	0.00005	ND
α-Humulene	0.00001	0.00005	ND	γ-Terpineol	0.00001	0.00005	ND
Isoborneol	0.00001	0.00005	ND	Terpinolene	0.00001	0.00005	ND
Isopulegol	0.00001	0.00005	ND	Total Terpenes (%)			0.000

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Generated By: Alex Morris
 Quality Assurance Manager
 Date: 01/20/2022



Tested By: Scott Caudill
 Senior Scientist
 Date: 01/07/2022



Hexahydrocannabinol

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 USA



Reporting Limit Appendix

Heavy Metals -

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Arsenic	200	Lead	500
Cadmium	200	Mercury	100

Microbials -

Analyte	Limit (CFU/g)	Analyte	Limit (CFU/g)
Coliforms	1	Aerobic Bacteria	1000

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	5000
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
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
Ethylene Glycol	620		

Pesticides - CA BCC

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

Mycotoxins -

Analyte	Limit (ppm)	Analyte	Limit (ppm)
B1	20	B2	20
G1	20	G2	20
Ochratoxin A	20		

Pesticides - CA BCC

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

