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1 of 8

Tincture - 2500mg KO3 - Yuzu

Sample ID: SA-240520-40536 Batch: 24824 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

Received: 05/22/2024 Completed: 06/05/2024 Client Cassini USA 9909 Harwin Drive, Suite T Houston, TX 77036 USA Lic. #: 603

Summary Test Cannabinoids Heavy Metals Microbials Mycotoxins

Residual Solvents

Pesticides

Date Tested 06/05/2024 05/29/2024 05/29/2024 06/04/2024 06/04/2024 05/30/2024

Status **Tested** Tested Tested **Tested Tested** Tested

2.31 mg/mL Total Δ9-THC 45.8 mg/mL Δ8-ΤΗС

80.8 mg/mL Total Cannabinoids

Not Tested Moisture Content

Not Tested Foreign Matter

Internal Standard Normalization

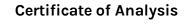
Yes

Cannabinoids by GC-MS/MS

| Analyte | LOD | LOQ | Result | Result | Result |
|-------------------|---------|---------|---------|---------|--|
| | (mg/mL) | (mg/mL) | (mg/mL) | (%) | (mg/unit) |
| CBC | 0.00095 | 0.00284 | ND | ND | ND |
| CBCA | 0.00181 | 0.00543 | NT | NT | NT |
| CBCV | 0.0006 | 0.0018 | ND | ND | ND |
| CBD | 0.00081 | 0.00242 | ND | ND | ND |
| CBDA | 0.00043 | 0.0013 | NT | NT | NT |
| CBDP | 0.00067 | 0.002 | ND | ND | ND |
| CBDV | 0.00061 | 0.00182 | 0.433 | 0.0446 | 13.0 |
| CBDVA | 0.00021 | 0.00063 | NT | NT | NT |
| CBG | 0.00057 | 0.00172 | ND | ND | ND |
| CBGA | 0.00049 | 0.00147 | NT | NT | NT |
| CBL | 0.00112 | 0.00335 | ND | ND | ND |
| CBLA | 0.00124 | 0.00371 | NT | NT | NT |
| CBN | 0.00056 | 0.00169 | 0.0650 | 0.00670 | 1.95 |
| CBNA | 0.0006 | 0.00181 | NT | NT | NT |
| CBT | 0.0018 | 0.0054 | 0.107 | 0.0111 | 3.23 |
| Δ4,8-iso-THC | 0.00067 | 0.002 | 3.60 | 0.371 | 108 |
| Δ8-iso-THC | 0.00067 | 0.002 | 0.0812 | 0.00837 | 2.44 |
| Δ8-ΤΗС | 0.00104 | 0.00312 | 45.8 | 4.72 | 1370 |
| Δ8-ΤΗСΡ | 0.00067 | 0.002 | 0.0201 | 0.00207 | 0.603 |
| Δ8-THCV | 0.00067 | 0.002 | 0.389 | 0.0401 | 11.7 |
| Δ9-ΤΗС | 0.00076 | 0.00227 | 2.31 | 0.238 | 69.2 |
| Δ9-ΤΗCΑ | 0.00084 | 0.00251 | NT | NT | NT |
| Δ9-ΤΗСΡ | 0.00067 | 0.002 | 0.255 | 0.0263 | 7.65 |
| Δ9-ΤΗCV | 0.00069 | 0.00206 | ND | ND | ND |
| Δ9-THCVA | 0.00062 | 0.00186 | NT | NT | NT |
| exo-THC | 0.00067 | 0.002 | 0.118 | 0.0121 | 3.54 |
| (6aR,9R,10aR)-HHC | 0.00067 | 0.002 | 18.9 | 1.95 | 568 |
| (6aR,9S,10aR)-HHC | 0.00067 | 0.002 | 8.71 | 0.898 | 261 |
| Total Δ9-THC | | | 2.31 | 0.238 | 69.2 |
| Total Republic | | | 80.8 | 8.32 | 2' <u>````````````````````````````````````</u> |

Generated By: Ryan Bellone CCO

Date: 06/05/2024





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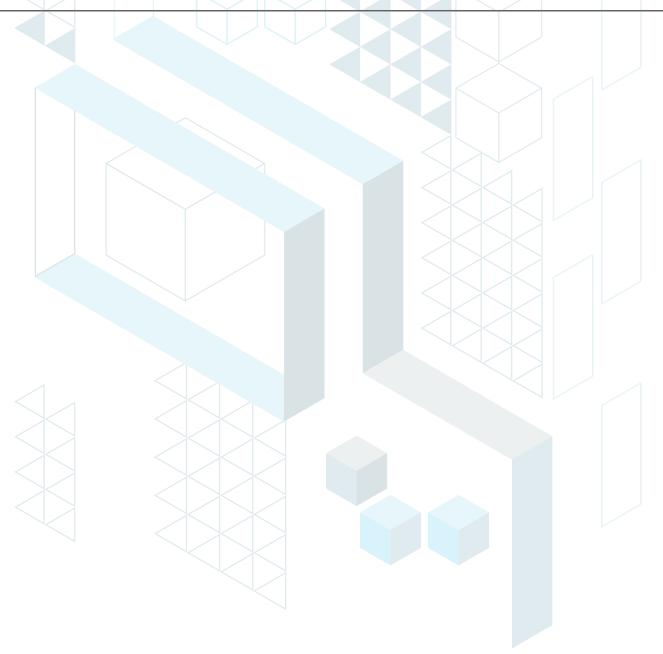
2 of 8

Tincture - 2500mg KO3 - Yuzu

Sample ID: SA-240520-40536 Batch: 24824 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

Received: 05/22/2024 Completed: 06/05/2024 Client
Cassini USA
9909 Harwin Drive, Suite T
Houston, TX 77036
USA
Lic. #: 603

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-THC4 * 0.877 + Δ 9-THC; Total CBD = CBDA * 0.877 + CBD;

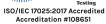


Generated By: Ryan Bellone

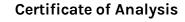
CCO Date: 06/05/2024 Tested By: Nicholas Howard Scientist Date: 06/05/2024













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Tincture - 2500mg KO3 - Yuzu

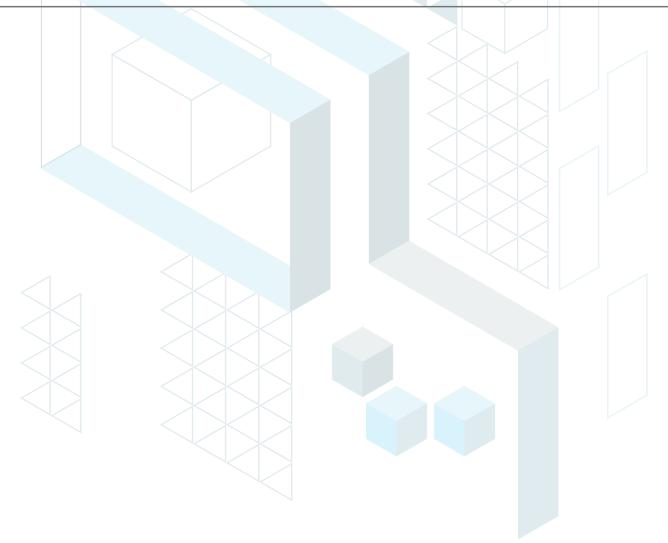
Sample ID: SA-240520-40536 Batch: 24824 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

Received: 05/22/2024 Completed: 06/05/2024 Client Cassini USA 9909 Harwin Drive, Suite T Houston, TX 77036 USA Lic. #: 603

Heavy Metals by ICP-MS

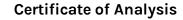
| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) | |
|---------|-----------|-----------|--------------|--|
| Arsenic | 0.002 | 0.02 | ND | |
| Cadmium | 0.001 | 0.02 | ND | |
| Lead | 0.002 | 0.02 | ND | |
| Mercury | 0.012 | 0.05 | ND | |

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: 06/05/2024 Tested By: Chris Farman Scientist Date: 05/29/2024







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Tincture - 2500mg KO3 - Yuzu

Sample ID: SA-240520-40536 Batch: 24824

Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil

Unit Mass (g):

Received: 05/22/2024 Completed: 06/05/2024 Client

Cassini USA 9909 Harwin Drive, Suite T Houston, TX 77036 USA

USA Lic. #: 603

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 | lmazalil | 30 | 100 | ND |
| Acetamiprid | 30 | 100 | ND | Imidacloprid | 30 | 100 | ND |
| Aldicarb | 30 | 100 | ND | Kresoxim methyl | 30 | 100 | ND |
| Azoxystrobin | 30 | 100 | <loq< td=""><td>Malathion</td><td>30</td><td>100</td><td>ND</td></loq<> | Malathion | 30 | 100 | ND |
| Bifenazate | 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 | 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 | <loq< td=""></loq<> |
| 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 |
| | | | | Trifloxystrobin | 30 | 100 | ND |

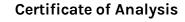
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone CCO

Date: 06/05/2024

Tested By: Jasper van Heemst Principal Scientist Date: 06/04/2024





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Tincture - 2500mg KO3 - Yuzu

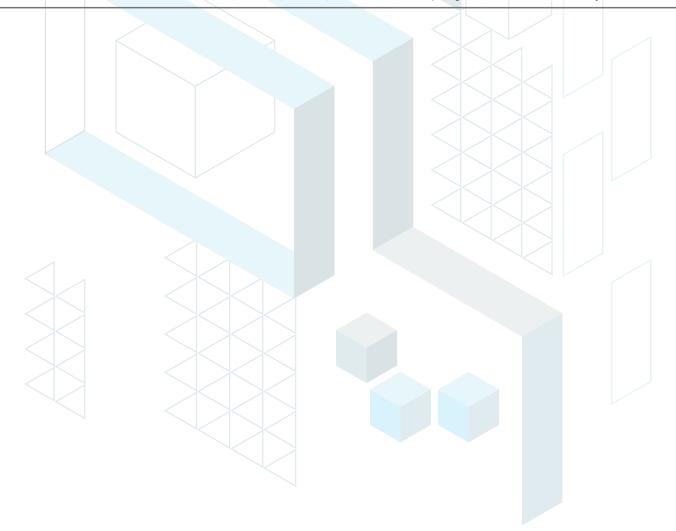
Sample ID: SA-240520-40536 Batch: 24824 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

Received: 05/22/2024 Completed: 06/05/2024 Client Cassini USA 9909 Harwin Drive, Suite T Houston, TX 77036 USA Lic. #: 603

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 | 5.16 | |

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

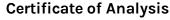


Generated By: Ryan Bellone CCO Tested By: Jasper van Heemst Principal Scientist Date: 06/04/2024



Date: 06/05/2024 Date: 06/04/2024

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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Tincture - 2500mg KO3 - Yuzu

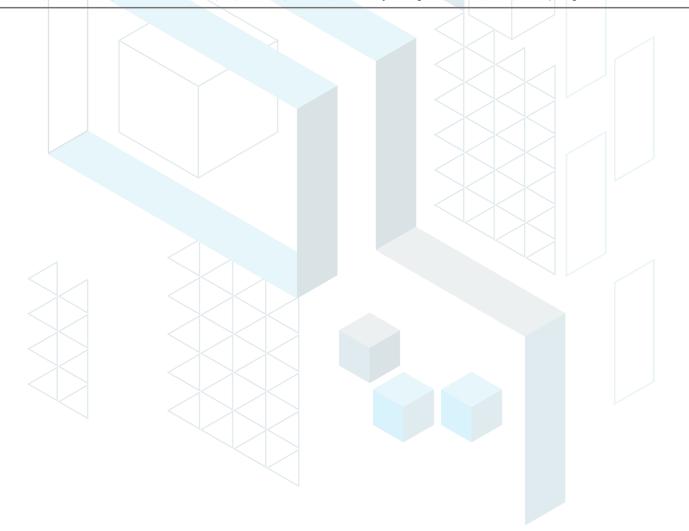
Sample ID: SA-240520-40536 Batch: 24824 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

Received: 05/22/2024 Completed: 06/05/2024 Client Cassini USA 9909 Harwin Drive, Suite T Houston, TX 77036 USA Lic. #: 603

Microbials by PCR and 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) | 1 | | 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

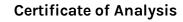


Generated By: Ryan Bellone

Tested By: Mario Aguirre Lab Technician Date: 05/29/2024



CCO Date: 06/05/2024





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Tincture - 2500mg KO3 - Yuzu

Sample ID: SA-240520-40536 Batch: 24824

Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil

Unit Mass (g):

Received: 05/22/2024 Completed: 06/05/2024 Client

Cassini USA 9909 Harwin Drive, Suite T Houston, TX 77036 USA

Lic. #: 603

Residual Solvents by HS-GC-MS

| Analyte | LOD | LOQ | Result | Analyte | LOD | LOQ | Result |
|-----------------------|-------|-------|--|--------------------------|-------|-------|--------|
| 7 and 19 to | (ppm) | (ppm) | (ppm) | / mary to | (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 | <rl< td=""><td>Toluene</td><td>30</td><td>89</td><td>ND</td></rl<> | 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

RA

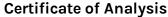
Generated By: Ryan Bellone CCO

Date: 06/05/2024

Kelsey Rogers

Tested By: Kelsey Rogers Scientist Date: 05/30/2024







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Tincture - 2500mg KO3 - Yuzu

Sample ID: SA-240520-40536 Batch: 24824 Type: Finished Product - Ingestible Matrix: Oil / Liquid - MCT Oil Unit Mass (g):

Received: 05/22/2024 Completed: 06/05/2024 Client

Cassini USA 9909 Harwin Drive, Suite T Houston, TX 77036 USA Lic. #: 603

Reporting Limit Appendix

Heavy Metals - KY 902 KAR 45:190

| Analyte | Limit (ppr | n) 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) |
|----------------------|-------------|--------------------|-------------|
| Acetamiprid | 5000 | Imidacloprid | 3000 |
| Aldicarb | 30 | Kresoxim methyl | 1000 |
| Azoxystrobin | 40000 | Malathion | 5000 |
| Bifenazate | 5000 | 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 | 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 (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 |

