

Pathogens:

Q SOP.006.T3 CBD Product Certificate of Analysis (CofA) Template Revision:00

Revision Date: 06/10/2022

Last Edits BY: JENA Murray

Approval: Jena Murray

Approval Date: 06/29/2022

| | PRODUCT I | NFO | | | |
|-------------------------|-----------------------------------------|--------------------|-----------------------------|--|--|
| PRODUCT NAME | Medterra Daily Relief Isolate Tincture, | ITEM Number | 7301012001000030 | | |
| | Unflavored, 1000mg, 30ml | | | | |
| Lot Number | LE240048 | Amount Per Bottle: | 30ml | | |
| Expiration Date: | 09/2026 | Storage | Room temperature, away from | | |
| | | Recommendation: | light. | | |
| | PHYSICAL QUA | ALITIES | | | |
| STRENGTH | 1000mg CBD/ 30ml | COLOR | Amber | | |
| SIZE | 30ml | ODOR | Herbal | | |
| ADDITIONAL INFO | n/a | FLAVOR | Unflavored | | |
| Test Performed: | | PASS/FAIL | | | |
| Potency: | | Pass | | | |
| Heavy Metals: | | Pass | | | |
| Mycotoxins: | | Pass | | | |
| Pesticides: | | Pass | | | |
| Residual Solvent | | Pass | | | |
| Listeria Monocyt | ogenes: | Pass | | | |

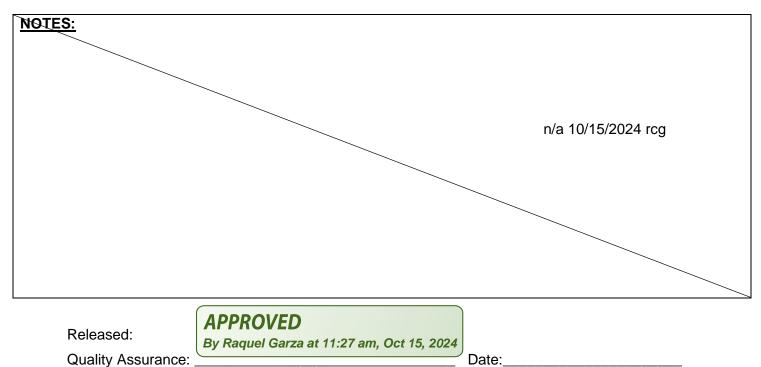
Pass

| Test Performed | Method | Specification | Result | Pass/Fail |
|----------------------------------------------------|-------------|-----------------|---------------|-----------|
| CBD | UHPLC - DAD | ≥ 1000mg / 30ml | 1070mg / 30ml | Pass |
| ТНС | UHPLC - DAD | ≤ 0.01% | ND | Pass |
| Arsenic | ICP-MS | ≤ 1500ppb | ND | Pass |
| Cadmium | ICP-MS | ≤ 500ppb | ND | Pass |
| Lead | ICP-MS | ≤ 500ppb | ND | Pass |
| Mercury | ICP-MS | ≤ 3000ppb | ND | Pass |
| Aflatoxin B1 | LCMS | ≤ 20 ppb | ND | Pass |
| Aflatoxin G1 | LCMS | ≤ 20 ppb | ND | Pass |
| Ochratoxin A | LCMS | ≤ 20 ppb | ND | Pass |
| E. Coli | USP2022 | Absent | ND | Pass |
| Salmonella | USP2022 | Absent | ND | Pass |
| Aspergillus (Flavus, Fumigatus, Niger, Terreus) | qPCR | Absent | ND | Pass |



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| Test Performed | Method | Specification | Result | Pass/Fail |
|-------------------------------------------------------------------|-------------|------------------------------------------------------------------------------|--------------|------------------|
| Listeria Monocytogenes | qPCR | Absent | NT | Pass Fail |
| Full Pesticide Panel (see attached results for each tested) | LCMS / GCMS | See attached results for Specification of each Pesticide tested | See Attached | ⊠ Pass □ Fail |
| Residual Solvents (see attached results for each tested) | GCMS | See attached results for Specification of each Residual Solvent tested | See Attached | ⊠ Pass □ Fail |



Certificate of Analysis

Produced: Oct 14, 2024

Sample: Medterra Daily Relief Isolate Tincture, Unflavored, 1000mg, 30ml (Tincture) • Client: Medterra • Batch: Passed as California Hemp



Batch No.: LE240048 Matrix: Tincture Density: 0.96388 g/ml Sample ID: ICC-241009-15-001 Collected on: Oct 09, 2024 Received on: Oct 09, 2024 Sample Size: Received By: Rebecca Fischer Package Size: 27.84 g Serving Size: 0.928 g

Batch Result: Passed as California Hemp

| Potency | Tested | Mycotoxins | Pass |
|-----------|--------|------------|------|
| Foreign | Pass | Pesticides | Pass |
| Metals | Pass | Solvents | Pass |
| Microbial | Pass | | |

| Cannabinoid Overview | |
|----------------------|-----------------|
| Total THC: | 0.00 % |
| CBD Per Serving: | 35.8 Milligrams |
| CBD Per Package: | 1070 Milligrams |

POT-INST-005: Potency

| Analyte | Amt (mg/srv) | Amt (mg/pkg) | Amt (%) | Amt (mg/ml) | LOD/LOQ (mg/g) | Analyte | Amt (mg/srv) | Amt (mg/pkg) | Amt (%) | Amt (mg/ml) | LOD/LOQ (mg/g) |
|---------|--------------|--------------|---------|-------------|----------------|---------------------|--------------|--------------|---------|-------------|----------------|
| CBC | | | ND | ND | 0.0241/0.0722 | СВТ | | | ND | ND | 0.0104/0.0365 |
| CBD | 35.8 | 1070 | 3.86 | 37 | 0.00736/0.0365 | ∆ ⁸ -THC | | | ND | ND | 0.00590/0.0365 |
| CBDA | | | ND | ND | 0.0176/0.0528 | Δ ⁹ -THC | | | ND | ND | 0.00974/0.0365 |
| CBDV | 0.0728 | 2.18 | 0.00784 | 0.076 | 0.00584/0.0365 | THCA | | | ND | ND | 0.0134/0.0402 |
| CBG | | | ND | ND | 0.00831/0.0365 | THCV | | | ND | ND | 0.00451/0.0365 |
| CBGA | | | ND | ND | 0.0130/0.0390 | Total THC** | | | ND | ND | |
| CBL | | | ND | ND | 0.00574/0.0365 | Total CBD** | 35.8 | 1070 | 3.86 | 37 | |
| CBN | | | ND | ND | 0.00831/0.0365 | | | | | | |

Total THC = THCa * 0.877 + d9-THC; Total CBD = CBDa * 0.877 + CBD; NR= Not Reported, ND= Not Detected, *Reported by Dry Mass*; *analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign: Microscope* *Density tested at a temperature range between 19-24 °C, *Water Activity tested at a humidity range between 0-90% Relative Humidity. All OA samples are sampled by the client, All California State Compliant samples sampled using SAMPL-SOP-001.

PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS

| Analyte | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/g) | Pass/Fail | Analyte | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/g) | Pass/Fail |
|--------------|--------------|------------|----------------|-----------|-------------------------|--------------|------------|----------------|-----------|
| Captan | 5 | ND | 0.120/0.358 | Pass | Cypermethrin | 1 | ND | 0.0145/0.0435 | Pass |
| Chlordane | Any amt | ND | 0.0249/0.0747 | Pass | Methyl parathion | Any amt | ND | 0.00811/0.0243 | Pass |
| Chlorfenapyr | Any amt | ND | 0.0251/0.0753 | Pass | Pentachloronitrobenzene | 0.2 | ND | 0.0182/0.0545 | Pass |
| Cyfluthrin | - 1 | ND | 0.0186/0.0558 | Pass | | | | | |



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Results Certified By: David Marelius PhD Lab Director, Infinite Chemical Analysis Labs, CA Oct 14, 2024 Pu

https://lims.tagleaf.com/coa_/fhBY64RxVJ

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS

| Absencit Ba ND 0.0350/0.100 N/A Metalayl 15 ND 0.0034/0.0300 Pass Acepinaci 5 ND 0.0239/0.0301 Pass Methoxyl 0.1 ND 0.0034/0.0300 Pass Acequincyl 4 ND 0.0015/0.0317 Pass Methoxyl 0.1 ND 0.00054/0.0300 Pass Addearb Ary amt ND 0.00035/0.0300 Pass Methoxyl Ary amt ND 0.0005/0.0300 Pass Addearb Ary amt ND 0.00035/0.0300 Pass Methoxyl 0.2 ND 0.00045/0.0300 Pass Bifenzato S ND 0.00047/0.0300 Pass Permethrin cia Ary amt ND 0.00057/0.0300 Pass Bifenzato ND 0.00047/0.0300 Pass Permethrin cia Ary amt ND 0.00057/0.0300 MA Carborana Ary amt ND 0.00063/0.0300 Pass Permethrin cia Any amt ND 0.0010/0.0300< | Analyte | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/g) | Pass/Fail | Analyte | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/g) | Pass/Fail |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------|------------|----------------|-----------|-------------------------|--------------|------------|----------------|-----------|
| Abanecin BaNDND0.0039/0.000NAMethavyl15ND0.0034/0.0300PassAcephate5ND0.0031/0.0307PassMethoxyl0.1ND0.0045/0.0300PassAcequinocyl4ND0.0015/0.0317PassMethoxyl0.1ND0.0065/0.0300PassActaniprid5ND0.00033/0.0300PassMethoxylAry antND0.0015/0.0319PassAddiarbAry antND0.00033/0.0300PassMethoxyl0.2ND0.00045/0.0300PassActorystroin40ND0.00033/0.0300PassPascCarbonAny antND0.0005/0.030PassBifenzate5ND0.0004/0.0300PassParemethrin cia20ND0.00071/0.0300PassBocalid10ND0.0003/0.0300PassPermethrin cia20ND0.0003/0.0300NACarboranAny antND0.0003/0.0300PassPermethrin cia20ND0.0003/0.0300PassChorpyrifosAny antND0.0003/0.0300PassPermethrin cia20ND0.0012/0.0300PassChorpyrifosAny antND0.0003/0.0300PassPermethrin cia20ND0.0012/0.0300PassChorpyrifosAny antND0.0003/0.0300PassPerilexinia4ND0.0012/0.0300PassDiminozideAny antND0.0 | Abamectin | 0.3 | ND | 0.0500/0.100 | Pass | Malathion | 5 | ND | 0.00485/0.0300 | Pass |
| AccequincyL4ND0.0111/0.0347PassMethonyL0.1ND0.00643/0.0300PassAcetamiprid5ND0.00581/0.0300PassMethonyLAny amtND0.0015/0.0319PassActoryStrobin40ND0.00932/0.0300PassMyclobutanil9ND0.00435/0.0300PassBifenazate5ND0.00437/0.0300PassOxany0.0ND0.00437/0.0300PassBifenazite0.5ND0.00473/0.0300PassParechoutrazolAny amtND0.0057/0.0300PassBoscalid10ND0.00474/0.0300PassPermethrin cisND0.0020/0.0300NACarborunAny amtND0.00239/0.0300PassPermethrin cisND0.00209/0.0300NACarborunAny amtND0.00239/0.0300PassPermethrin cisND0.00209/0.0300PassCofortarinAny amtND0.00239/0.0300PassPretertini cisND0.00239/0.0300PassCofortarinAny amtND0.0017/0.0325PassPretertini cisND0.00129/0.0300PassCofortarin0.2ND0.0017/0.0325PassPropoxurAny amtND0.00129/0.0300PassDialion0.2ND0.0017/0.0326PassPropoxurAny amtND0.00129/0.0300PassDialionicideAny amtND0.0017/0.0326PassSpinota | Abamectin Ba | | | , | | Metalaxyl | 15 | | , | Pass |
| Actamiprid5ND0.00581/0.0300PassMevinphosAny amtND0.0105/0.0319PassAldiarbAny amtND0.00323/0.0300PassMyakobutanil9ND0.00733/0.0300PassAcxoystrobin40ND0.00322/0.0300PassNaled0.5ND0.0085/0.0300PassBifenazate5ND0.00632/0.0300PassPacuburzolAny amtND0.0085/0.0300PassBoscalid0.5ND0.00747/0.0300PassPacuburzolAny amtND0.0027/0.0300PassCarboryl0.5ND0.00632/0.0300PassPermethrin cisND0.0020/0.0300NAChorayrlosAny amtND0.0023/0.0300PassPermethrin cisND0.0020/0.0300PassChorayrlosAny amtND0.00637/0.0300PassPermethrin cisND0.00637/0.0300PassChorayrlosAny amtND0.00637/0.0300PassPretermithria0.4ND0.00637/0.0300PassComaphosAny amtND0.00637/0.0300PassProjocnazole20ND0.0142/0.037PassDializon0.2ND0.00464/0.0300PassProjocnazole20ND0.0124/0.0300PassDianiozideAny amtND0.00728/0.0300PassProjocnazole3ND0.00527/0.0300PassDializon0.2ND0.00728/0.0300Pa | Acephate | 5 | ND | 0.0209/0.0635 | Pass | Methiocarb | Any amt | ND | 0.00542/0.0300 | Pass |
| Aldicarb Any amt ND 0.00935/0.0300 Pass Myclobutali 9 ND 0.00735/0.0300 Pass Azoxystrobin 40 ND 0.0032/0.0300 Pass Naled 0.5 ND 0.00439/0.0300 Pass Bifenzate 5 ND 0.0053/0.0300 Pass Oxamyl 0.2 ND 0.00650/0.0300 Pass Boscalid 10 ND 0.00747/0.0300 Pass Permethrin 20 ND 0.00577/0.0300 Pass Carbortran Any amt ND 0.00239/0.0300 Pass Permethrin cis ND 0.02200/0.0300 N/A Carbortran Any amt ND 0.00239/0.0300 Pass Permethrin trans ND 0.00237/0.0300 Pass Chorpyrifos Any amt ND 0.00467/0.0300 Pass Permethrin trans ND 0.00637/0.0300 Pass Colfentezine 0.5 ND 0.00463/0.0300 Pass Propiconazole 20 ND 0.0180/0.0300 | Acequinocyl | 4 | ND | 0.0115/0.0347 | Pass | Methomyl | 0.1 | ND | 0.00645/0.0300 | Pass |
| Azoystrobin40ND0.00322/0.0300PassNieled0.5ND0.00459/0.0300PassBifenatare5ND0.000473/0.0300PassDavanyl0.2ND0.00850/0.0300PassBoscald10ND0.00747/0.0300PassPermethrin20ND0.00057/0.0300PassBoscald0.0ND0.00747/0.0300PassPermethrin cis20ND0.00078/0.0300PassCarbaryl0.00.00.00449/0.0300PassPermethrin cis20ND0.02020/0.0300N/ACarbaryl0.05ND0.00033/0.0300PassPermethrin cis20ND0.00237/0.0300PassChorprifosAry amtND0.00037/0.0300PassPermethrin cis20ND0.0018/0.036PassComaplosAry amtND0.0044/0.0300PassProperylutoxide8ND0.0018/0.036PassDialinon0.2ND0.0012/0.0300PassPropoxurAry amtND0.0012/0.0300PassDialinon0.2ND0.0022/0.0300PassPropoxurAry amtND0.0019/0.030PassDialinon0.2ND0.0022/0.0300PassSpinosalPyrethrins Pyrethrin IND0.0019/0.0300PassDialinon0.2ND0.0022/0.0300PassSpinosalSpinosalND0.00050/0.0300PassDialinon0.2ND0.000 | Acetamiprid | 5 | ND | 0.00581/0.0300 | Pass | Mevinphos | Any amt | ND | 0.0105/0.0319 | Pass |
| BifenzateSND0.00473/0.0300Pass PassOxamyl0.2ND0.00850/0.0300Pass PassBifentrin0.5ND0.00957/0.0300PassPacloburzolAny amtND0.00577/0.0300PassCarbaryl0.5ND0.00040/0.0300PassPermethrin cisND0.0200/0.0300N/ACarbaryl0.5ND0.000239/0.0300PassPermethrin transND0.02020/0.0300N/ACarbaryl0.5ND0.00053/0.0300PassPermethrin transND0.0200/0.0300PassChorantraillipole40ND0.00053/0.0300PassPiperonylubuxide8ND0.00037/0.0300PassClofentezine0.5ND0.00464/0.0300PassPropourole20ND0.0180/0.054PassComaphosAny amtND0.0017/0.0320PassPropourole20ND0.00124/0.037PassDiation0.2ND0.00126/0.0300PassPropourole20ND0.00124/0.030PassDiation0.2ND0.000728/0.0300PassPyrethrins Pyrethrin IND0.0010/0.0450N/ADimethoareAny amtND0.00057/0.0300PassPyrethrins Pyrethrin IND0.0100/0.0450N/ADimethoareAny amtND0.00057/0.0300PassSpinetoram JND0.00025/0.0300PassEtofenproxAny amtND0.00057/0.0300 | Aldicarb | Any amt | ND | 0.00935/0.0300 | Pass | Myclobutanil | 9 | ND | 0.00735/0.0300 | Pass |
| Bifenthrin0.5ND0.00583/0.0300Pass PassPaclobutrazolAnyamtND0.00577/0.0300Pass PassBoscalid10ND0.00747/0.0300PassPermethrin20ND0.00178/0.0300PassCarbaryt0.5ND0.00239/0.0300PassPermethrin icsND0.0020/0.0300NACarbarytAnyamtND0.00563/0.0300PassPermethrin itransND0.00527/0.0300PassChorantraniliprole40ND0.00563/0.0300PassPhomet0.2ND0.00527/0.0300PassClofentzine0.5ND0.00464/0.0300PassProjeconzole20ND0.0180/0.0564PassClofentzine0.5ND0.00463/0.0300PassProjeconzole20ND0.0180/0.0564PassDaminozideAnyamtND0.0017/0.0325PassProjeconzole20ND0.00524/0.0300PassDiation0.2ND0.0017/0.0325PassPropoxurAnyamtND0.0012/0.0300PassDichlorvosAnyamtND0.00052/0.0300PassPyrethrins Pyrethrin IND0.0010/0.0450NADimethoateAnyamtND0.0053/0.0300PassSpinetoram JND0.0053/0.0300PassEtoropolyAnyamtND0.0053/0.0300PassSpinetoram JND0.0053/0.0300PassEtoropolyAnyamtND0.0053/0.0300 | Azoxystrobin | 40 | ND | 0.00322/0.0300 | Pass | Naled | 0.5 | ND | 0.00459/0.0300 | Pass |
| Boscalid10ND0.00747/0.0300PassPermethrin20ND0.00178/0.0300PassCarboryl0.5ND0.00444/0.0300PassPermethrin cisND0.0200/0.0300N/ACarborynAny amtND0.00239/0.0300PassPermethrin transND0.00207/0.0300PassChiorantraniliprole40ND0.00563/0.0300PassPiperonylutoxide8ND0.00527/0.0300PassChiorantraniliprole40ND0.00464/0.0300PassPiperonylutoxide8ND0.00827/0.0300PassColorantzine0.5ND0.00463/0.0300PassPiperonylutoxide8ND0.018/0.054PassCoumaphosAny amtND0.00463/0.0300PassPropiconazole20ND0.0124/0.0375PassDizainon0.2ND0.00728/0.0300PassPropiconazole20ND0.00192/0.0300PassDizainon0.2ND0.00728/0.0300PassPyrethrins Pyrethrin IND0.00192/0.0300PassDimethoarephAny amtND0.00637/0.0300PassSpinetoramND0.00295/0.0300PassEtoArophosAny amtND0.00391/0.0300PassSpinetoramND0.00295/0.0300PassEtoArophosAny amtND0.00391/0.0300PassSpinetoramND0.00295/0.0300PassEtoArophosAny amtND0.00572/0.0300 <td>Bifenazate</td> <td>5</td> <td>ND</td> <td>0.00473/0.0300</td> <td>Pass</td> <td>Oxamyl</td> <td>0.2</td> <td>ND</td> <td>0.00850/0.0300</td> <td>Pass</td> | Bifenazate | 5 | ND | 0.00473/0.0300 | Pass | Oxamyl | 0.2 | ND | 0.00850/0.0300 | Pass |
| Carbaryl0.5ND0.00404/0.0300PassPermethrin cisND0.0200/0.0300N/ACarboruranAny amtND0.00239/0.0300PassPermethrin transND0.00220/0.0300N/AChlorantraniliprole40ND0.00563/0.0300PassPhosmet0.2ND0.00527/0.0300PassChlorantraniliprole0.5ND0.00807/0.0300PassPiperonylbutoxide8ND0.00635/0.0300PassClofentzine0.5ND0.00463/0.0300PassPropiconazole20ND0.0124/0.0375PassCoumaphosAny amtND0.00728/0.0300PassPropiconazole20ND0.00524/0.0300PassDialinozideAny amtND0.00728/0.0300PassPyrethrins1ND0.0010/0.0300N/ADimethoateAny amtND0.00659/0.0300PassPyrethrins Pyrethrin IND0.0100/0.0450N/ADimethoateAny amtND0.00539/0.0300PassSpinetoram3ND0.00259/0.0300PassEtofenproxAny amtND0.00539/0.0300PassSpinetoram JND0.00500/0.0100N/AEtofenproxAny amtND0.00539/0.0300PassSpinetoram JND0.00500/0.0100N/AEtofenproxAny amtND0.00549/0.0300PassSpinetoram JND0.00500/0.0100N/AFenoxycarbAny amtND0.00549/0 | Bifenthrin | 0.5 | ND | 0.00583/0.0300 | Pass | Paclobutrazol | Any amt | ND | 0.00577/0.0300 | Pass |
| CarbofuranAny amtND0.00239/0.0300PassPermethrin transND0.0200/0.0300N/AChlorantraniliprole40ND0.0053/0.0300PassPhosmet0.2ND0.00527/0.3300PassChlorantraniliprole40ND0.00807/0.0300PassPhosmet0.2ND0.0053/0.3300PassClofentezine0.5ND0.00464/0.0300PassPropiconazole20ND0.0180/0.0546PassCoumaphosAny amtND0.00463/0.0300PassPropiconazole20ND0.0124/0.0375PassDaninozideAny amtND0.00728/0.0300PassPropiconazole20ND0.00192/0.0300PassDichlorvosAny amtND0.00728/0.0300PassPyrethrins1ND0.0109/0.450N/ADimethoateAny amtND0.00871/0.0300PassSpinetoram3ND0.00547/0.0300PassEtofenpoxAny amtND0.00391/0.0300PassSpinetoram3ND0.00295/0.0300PassEtofenpoxAny amtND0.00391/0.0300PassSpinetoram LND0.00027/0.0300PassEtofenpoxAny amtND0.00391/0.0300PassSpinetoram LND0.00050/0.0100N/AEtofenpoxAny amtND0.0057/0.0300PassSpinosad AND0.0050/0.0100N/AEtofenpoxAny amtND0.0057/0.0300 | Boscalid | 10 | ND | 0.00747/0.0300 | Pass | Permethrin | 20 | ND | 0.00178/0.0300 | Pass |
| Chlorantraniliprole40ND0.00563/0.0300PassPhosmet0.2ND0.00527/0.0300PassChloraprifosAny amtND0.00807/0.0300PassPiperonylbutoxide8ND0.00635/0.0300PassClofentezine0.5ND0.00464/0.0300PassPiperonylbutoxide8ND0.0012/0.0306PassCoumaphosAny amtND0.00464/0.0300PassPropiconazole20ND0.0124/0.0375PassDaninozideAny amtND0.0017/0.0325PassPropiconazole20ND0.00124/0.0300PassDiazion0.2ND0.00728/0.0300PassPyrethrins Pyrethrin 1ND0.00109/0.0300PassDichlorvosAny amtND0.00650/0.0300PassPyrethrins Pyrethrin 1ND0.0100/0.0300N/ADimethoateAny amtND0.00837/0.0300PassSpinetoram3ND0.00527/0.0300PassEthogrophosAny amtND0.00837/0.0300PassSpinetoram JND0.0050/0.0100N/AEthogrophosAny amtND0.00837/0.0300PassSpinesad3ND0.0050/0.0100N/AFenoxcarb1.5ND0.00837/0.0300PassSpinesad3ND0.0050/0.0100N/AFenoxcarb1.5ND0.00837/0.0300PassSpinesad3ND0.0050/0.0100N/AFenoxcarb1.5ND <th< td=""><td>Carbaryl</td><td>0.5</td><td>ND</td><td>0.00404/0.0300</td><td>Pass</td><td>Permethrin cis</td><td></td><td>ND</td><td>0.0200/0.0300</td><td>N/A</td></th<> | Carbaryl | 0.5 | ND | 0.00404/0.0300 | Pass | Permethrin cis | | ND | 0.0200/0.0300 | N/A |
| ChlorpyrifosAny amtND0.00807/0.0300PassPiperonylbutoxide8ND0.00635/0.0300PassClofentzine0.5ND0.00464/0.0300PassProliconazole0.4ND0.0180/0.0546PassCoumaphosAny amtND0.00463/0.0300PassProjconazole20ND0.00124/0.0375PassDaminozideAny amtND0.0077/0.0325PassPropoxurAny amtND0.0012/0.0300PassDichlorvosAny amtND0.00728/0.0300PassPyrethrins Pyrethrin IND0.00192/0.0300PassDinethoateAny amtND0.00650/0.0300PassPyrethrins Pyrethrin IIND0.0010/0.0450N/ADimethoarph20ND0.00871/0.0300PassPyrethrins Pyrethrin IIND0.00597/0.0300PassEtofarpoxAny amtND0.00570/0.0300PassSpinetoram3ND0.00295/0.0300PassEtofarpoxAny amtND0.00570/0.0300PassSpinetoram JND0.00295/0.0300PassFenoxycarbAny amtND0.00572/0.0300PassSpinosad AND0.00295/0.0300PassFenoxycarbAny amtND0.00572/0.0300PassSpinosad AND0.0050/0.0100N/AFenoxycarbAny amtND0.00572/0.0300PassSpinosad AND0.0054/0.0300PassFloricanid2ND0.00571/0.030 | Carbofuran | Any amt | ND | 0.00239/0.0300 | Pass | Permethrin trans | | ND | 0.0200/0.0300 | N/A |
| Clofentezine0.5ND0.00464/0.0300PassPrallethrin0.4ND0.0180/0.0546PassCoumaphosAny amtND0.0043/0.0300PassPropiconazole20ND0.0124/0.0375PassDaninozideAny amtND0.0107/0.0325PassPropiconazole20ND0.00524/0.0300PassDiazinon0.2ND0.00228/0.0300PassPyrethrins1ND0.00102/0.0300PassDichlorvosAny amtND0.00728/0.0300PassPyrethrins Pyrethrin IND0.0100/0.0450N/ADimethoareh20ND0.00871/0.0300PassSpinetoram3ND0.00547/0.0300PassEtofenproxAny amtND0.0055/0.0300PassSpinetoram JND0.0055/0.0300PassEtofenproxAny amtND0.0057/0.0300PassSpinetoram JND0.00257/0.0300PassFenoxcarbAny amtND0.00572/0.0300PassSpinosad3ND0.00275/0.0300PassFenoxcarbAny amtND0.00572/0.0300PassSpinosad DND0.0057/0.0300PassFenoxcarbAny amtND0.00572/0.0300PassSpinosad DND0.0057/0.0300PassFenoxcarbAny amtND0.00572/0.0300PassSpinosad DND0.0057/0.0300PassFenoxcarbAny amtND0.00572/0.0300PassSpinosad | Chlorantraniliprole | 40 | ND | 0.00563/0.0300 | Pass | Phosmet | 0.2 | ND | 0.00527/0.0300 | Pass |
| CoumaphosAny antND0.00463/0.0300PassPropiconazole20ND0.0124/0.0375PassDaninozideAny antND0.0017/0.0325PassPropoxurAny antND0.00524/0.0300PassDiation0.2ND0.00926/0.0300PassPropiconazole20ND0.00124/0.0375PassDichlorvosAny antND0.00926/0.0300PassPyrethrins1ND0.0012/0/0.0300PassDichlorvosAny antND0.00650/0.0300PassPyrethrins Pyrethrin IND0.0100/0.0450N/ADimethoateAny antND0.00871/0.0300PassPyrethrins Pyrethrin IND0.00547/0.0300PassEtoprophosAny antND0.00391/0.0300PassSpinetoram3ND0.00295/0.0300PassEtofenproxAny antND0.00391/0.0300PassSpinetoram LNDND0.0050/0.0100N/AEtoazole1.5ND0.00372/0.0300PassSpinetoram LNDND0.00275/0.0300PassFenoxycarbAny antND0.00572/0.0300PassSpinosad ANDND0.00275/0.0300PassFenoxycarbAny antND0.00572/0.0300PassSpinosad ANDND0.0050/0.0100N/AFenoxycarbAny antND0.00572/0.0300PassSpinosad AND0.0050/0.0100N/AFenoritiAny antND | Chlorpyrifos | Any amt | ND | 0.00807/0.0300 | Pass | Piperonylbutoxide | 8 | ND | 0.00635/0.0300 | Pass |
| DaminozideAny amtND0.0107/0.0325PassPropoxurAny amtND0.00524/0.0300PassDiazinon0.2ND0.00926/0.0300PassPyrethrins1ND0.00192/0.0300PassDichlorvosAny amtND0.00728/0.0300PassPyrethrins Pyrethrin IND0.0109/0.0450N/ADimethoateAny amtND0.00650/0.0300PassPyrethrins Pyrethrin IIND0.0100/0.0300N/ADimethomorph20ND0.00631/0.0300PassSpinetoram3ND0.00547/0.0300PassEthoprophosAny amtND0.00550/0.0300PassSpinetoram JND0.00500/0.0100N/AEtoarzole1.5ND0.00349/0.0300PassSpinetoram LND0.00500/0.0100N/AFenoxycarbAny amtND0.00572/0.0300PassSpinosad3ND0.00500/0.0100N/AFenoxycarbAny amtND0.00572/0.0300PassSpinosad AND0.00500/0.0100N/AFenorycarbAny amtND0.00572/0.0300PassSpinosad AND0.00549/0.0300PassFenorycarbAny amtND0.00572/0.0300PassSpinosad AND0.00549/0.0300PassFenorycarbAny amtND0.00572/0.0300PassSpinosad AND0.00549/0.0300PassFenorycarbAny amtND0.00572/0.0300PassSpinosad A | Clofentezine | 0.5 | ND | 0.00464/0.0300 | Pass | Prallethrin | 0.4 | ND | 0.0180/0.0546 | Pass |
| Diazinon0.2ND0.00926/0.0300PassPyrethrinsPyrethrins1ND0.00192/0.0300PassDichlorvosAny amtND0.00728/0.0300PassPyrethrins Pyrethrin IND0.0100/0.0450N/ADimethoateAny amtND0.00650/0.0300PassPyrethrins Pyrethrin IIND0.0100/0.0450N/ADimethoateAny amtND0.00650/0.0300PassPyrethrins Pyrethrin IIND0.0100/0.0450N/ADimethoateAny amtND0.00650/0.0300PassPyrethrins Pyrethrin IIND0.00547/0.0300PassEthorpophosAny amtND0.00331/0.0300PassSpinetoram3ND0.00550/0.0300PassEtoarcole1.5ND0.00339/0.0300PassSpinetoram LND0.00500/0.0100N/AFenoxycarbAny amtND0.00572/0.0300PassSpinosad AND0.00500/0.0100N/AFenorycarbaAny amtND0.00572/0.0300PassSpinosad AND0.00500/0.0100N/AFenorycarbaAny amtND0.00572/0.0300PassSpinosad AND0.00500/0.0100N/AFenorycarbaAny amtND0.00571/0.0300PassSpinosad AND0.00500/0.0100N/AFenorycarbaAny amtND0.00571/0.0300PassSpinosad AND0.00500/0.0100N/AFenorycarbaAny amtND0.00571/0.0300Pa | Coumaphos | Any amt | ND | 0.00463/0.0300 | Pass | Propiconazole | 20 | ND | 0.0124/0.0375 | Pass |
| DichlorvosAny amtND0.00728/0.0300PassPyrethrins Pyrethrin IND0.0100/0.0450N/ADimethoateAny amtND0.00650/0.0300PassPyrethrins Pyrethrin IIND0.0100/0.0450N/ADimethomorph20ND0.00871/0.0300PassPyrethrins Pyrethrin IIND0.0100/0.0450N/ADimethomorph20ND0.00871/0.0300PassSpinetoram3ND0.00547/0.0300PassEthoprophosAny amtND0.00391/0.0300PassSpinetoram JND0.00295/0.0300PassEtofenproxAny amtND0.00349/0.0300PassSpinetoram JND0.00500/0.0100N/AEtoazole1.5ND0.00572/0.0300PassSpinetoram LND0.00500/0.0100N/AFenexamid100.00572/0.0300PassSpinosad3ND0.00500/0.0100N/AFenexycarbAny amtND0.00572/0.0300PassSpinosad DND0.00500/0.0100N/AFipronilAny amtND0.00771/0.0300PassSpiroteramat13ND0.00540/0.0300PassFloricamid2ND0.0112/0.0388PassSpiroteramat13ND0.00540/0.0300PassFloricamid2ND0.00549/0.0300PassSpiroteramat13ND0.00540/0.0300PassFloricamid3ND0.0012/0.0388PassSpiroteramat13 | Daminozide | Any amt | ND | 0.0107/0.0325 | Pass | Ргорохиг | Any amt | ND | 0.00524/0.0300 | Pass |
| DimethoateAny amtND0.00650/0.0300PassPyrethrins Pyrethrin IIND0.0100/0.0300N/ADimethomorph20ND0.00871/0.0300PassPyridaben3ND0.00547/0.0300PassEthoprophosAny amtND0.00391/0.0300PassSpinetoram3ND0.00295/0.0300PassEthoprophosAny amtND0.00391/0.0300PassSpinetoram JND0.0050/0.0100N/AEtofaproxAny amtND0.00349/0.0300PassSpinetoram JND0.0050/0.0100N/AEtoxazole1.5ND0.00349/0.0300PassSpinetoram LND0.0050/0.0100N/AFenhexamid10ND0.0057/0.0300PassSpinosad3ND0.00275/0.0300PassFenoxycarbAny amtND0.0057/0.0300PassSpinosad AND0.0050/0.0100N/AFipronilAny amtND0.00771/0.0300PassSpinosad DND0.00540/0.0300PassFludioxonil2ND0.0158/0.0478PassSpirotramat13ND0.00264/0.0300PassFludioxonil30ND0.0188/0.0478PassSpirotramat13ND0.00264/0.0300PassImazallAny amtND0.0083/0.0300PassThaclopridAny amtND0.00177/0.0300PassImazallAny amtND0.00861/0.0300PassThaclopridAny | Diazinon | 0.2 | ND | 0.00926/0.0300 | Pass | Pyrethrins | 1 | ND | 0.00192/0.0300 | Pass |
| Dimethomorph20ND0.00871/0.0300PassPyridaben3ND0.00547/0.0300PassEthoprophosAny amtND0.00391/0.0300PassSpinetoram3ND0.00295/0.0300PassEtofenproxAny amtND0.00550/0.0300PassSpinetoram JND0.00500/0.0100N/AEtoxazole1.5ND0.00349/0.0300PassSpinetoram LND0.00500/0.0100N/AFenhexamid10ND0.00572/0.0300PassSpinosad3ND0.00275/0.0300PassFenoxycarbAny amtND0.00572/0.0300PassSpinosad AND0.00500/0.0100N/AFenorycarbAny amtND0.00549/0.0300PassSpinosad DND0.00500/0.0100N/AFipronilAny amtND0.00549/0.0300PassSpinosad DND0.00504/0.0300PassFlonicamid2ND0.0051/0.0458PassSpiroxamine13ND0.0064/0.0300PassFludixonil30ND0.0158/0.0478PassSpiroxamineAny amtND0.00264/0.0300PassHexythiazox2ND0.00863/0.0300PassTebuconazole2ND0.00895/0.0300PassImazalilAny amtND0.00863/0.0300PassThiaethoxam4.5ND0.00553/0.0300Pass | Dichlorvos | Any amt | ND | 0.00728/0.0300 | Pass | Pyrethrins Pyrethrin I | | ND | 0.0100/0.0450 | N/A |
| EthoprophosAny amtND0.00391/0.0300PassSpinetoram3ND0.00295/0.0300PassEtofenproxAny amtND0.00550/0.0300PassSpinetoram JND0.00500/0.0100N/AEtoazole1.5ND0.00349/0.0300PassSpinetoram LND0.00500/0.0100N/AFenhexamid10ND0.00833/0.0300PassSpinetoram LND0.00275/0.0300PassFenoxycarbAny amtND0.00572/0.0300PassSpinosad AND0.00500/0.0100N/AFenorycarbAny amtND0.00572/0.0300PassSpinosad DND0.00500/0.0100N/AFipronilAny amtND0.0051/0.0300PassSpinosad DND0.00504/0.0300PassFlonicamid2ND0.0051/0.0458PassSpirocamite13ND0.0064/0.0300PassFludioxonil30ND0.0158/0.0478PassSpiroxamineAny amtND0.00264/0.0300PassHexythiazox2ND0.00188/0.0478PassSpiroxamineAny amtND0.00264/0.0300PassImazalilAny amtND0.00863/0.0300PassThiaclopridAny amtND0.00177/0.0300PassImadacloprid3ND0.00863/0.0300PassThiaclopridAny amtND0.0053/0.0300PassImadacloprid3ND0.00863/0.0300PassThiacloprid <td>Dimethoate</td> <td>Any amt</td> <td>ND</td> <td>0.00650/0.0300</td> <td>Pass</td> <td>Pyrethrins Pyrethrin II</td> <td></td> <td>ND</td> <td>0.0100/0.0300</td> <td>N/A</td> | Dimethoate | Any amt | ND | 0.00650/0.0300 | Pass | Pyrethrins Pyrethrin II | | ND | 0.0100/0.0300 | N/A |
| EtofenproxAny amtND0.00550/0.0300PassSpinetoram JND0.00500/0.0100N/AEtoxazole1.5ND0.00349/0.0300PassSpinetoram LND0.00500/0.0100N/AFenhexamid10ND0.00833/0.0300PassSpinetoram LND0.00275/0.0300PassFenoxycarbAny amtND0.00572/0.0300PassSpinosad AND0.00500/0.0100N/AFenpyroximate2ND0.00549/0.0300PassSpinosad DND0.00500/0.0100N/AFiponilAny amtND0.0051/0.0300PassSpinosad DND0.00500/0.0100N/AFlonicamid2ND0.00771/0.0300PassSpirosad DND0.00540/0.0300PassFlonicamid2ND0.00151/0.0458PassSpiroteramat13ND0.00648/0.0300PassHexythiazox2ND0.0158/0.0478PassSpirotarance2ND0.00264/0.0300PassImazalilAny amtND0.00863/0.0300PassTebuconazole2ND0.00895/0.0300PassImidacloprid3ND0.00861/0.0300PassThiaethoxam4.5ND0.00553/0.0300Pass | Dimethomorph | 20 | ND | 0.00871/0.0300 | Pass | Pyridaben | 3 | ND | 0.00547/0.0300 | Pass |
| Etoxazole 1.5 ND 0.00349/0.0300 Pass Spinetoram L ND 0.00500/0.0100 N/A Fenhexamid 10 ND 0.00833/0.0300 Pass Spinosad 3 ND 0.00275/0.0300 Pass Fenoxycarb Any amt ND 0.00572/0.0300 Pass Spinosad A ND 0.00500/0.0100 N/A Fenoycarb Any amt ND 0.00572/0.0300 Pass Spinosad A ND 0.00500/0.0100 N/A Fenorycarb Any amt ND 0.00549/0.0300 Pass Spinosad D ND 0.00500/0.0100 N/A Fiponil Any amt ND 0.00771/0.0300 Pass Spiroteramat 13 ND 0.00648/0.0300 Pass Fludioxonil 2 ND 0.0151/0.0458 Pass Spiroteramat 13 ND 0.00264/0.0300 Pass Fludioxonil 30 ND 0.0158/0.0478 Pass Thouconazole 2 ND 0.00895/0.0300 Pass < | Ethoprophos | Any amt | ND | 0.00391/0.0300 | Pass | Spinetoram | 3 | ND | 0.00295/0.0300 | Pass |
| Fenhexamid 10 ND 0.00833/0.0300 Pass Spinosad 3 ND 0.00275/0.0300 Pass Fenoxycarb Any amt ND 0.00572/0.0300 Pass Spinosad A ND 0.00500/0.0100 N/A Fenoycarb Any amt ND 0.00549/0.0300 Pass Spinosad A ND 0.00500/0.0100 N/A Fipronil Any amt ND 0.00771/0.0300 Pass Spirosad D ND 0.00500/0.0100 N/A Fipronil Any amt ND 0.00771/0.0300 Pass Spirotestrent 12 ND 0.00540/0.0300 Pass Floricamid 2 ND 0.01518/0.0458 Pass Spirotestrant 13 ND 0.00648/0.0300 Pass Fludioxonil 30 ND 0.0158/0.0478 Pass Spirotestrant 13 ND 0.00264/0.0300 Pass Hexythiazox 2 ND 0.0102/0.0308 Pass Thiacloprid Any amt ND 0.00177/0.0300 <t< td=""><td>Etofenprox</td><td>Any amt</td><td>ND</td><td>0.00550/0.0300</td><td>Pass</td><td>Spinetoram J</td><td></td><td>ND</td><td>0.00500/0.0100</td><td>N/A</td></t<> | Etofenprox | Any amt | ND | 0.00550/0.0300 | Pass | Spinetoram J | | ND | 0.00500/0.0100 | N/A |
| Fenoxycarb Any amt ND 0.00572/0.0300 Pass Spinosad A ND 0.00500/0.0100 N/A Fenoyroximate 2 ND 0.00549/0.0300 Pass Spinosad A ND 0.00500/0.0100 N/A Fipronil Any amt ND 0.00771/0.0300 Pass Spinosad D ND 0.00500/0.0100 N/A Fipronil Any amt ND 0.00771/0.0300 Pass Spirosad D ND 0.00540/0.0300 Pass Fludioxonil 2 ND 0.0151/0.0458 Pass Spirotetramat 13 ND 0.00648/0.0300 Pass Hexythiazox 2 ND 0.0102/0.0308 Pass Spiroxamine Any amt ND 0.00895/0.0300 Pass Imazalil Any amt ND 0.00863/0.0300 Pass Thiacloprid Any amt ND 0.0053/0.0300 Pass Imadacloprid 3 ND 0.00861/0.0300 Pass Thiaethoxam 4.5 ND 0.00553/0.0300 Pass | Etoxazole | | ND | 0.00349/0.0300 | Pass | Spinetoram L | | ND | 0.00500/0.0100 | N/A |
| Fenpyroximate 2 ND 0.00549/0.0300 Pass Spinosad D ND 0.00509/0.0100 N/A Fipronil Any amt ND 0.00771/0.0300 Pass Spinosad D 12 ND 0.00509/0.0100 N/A Fipronil Any amt ND 0.00771/0.0300 Pass Spiromesifen 12 ND 0.00549/0.0300 Pass Flonicamid 2 ND 0.0151/0.0458 Pass Spirotetramat 13 ND 0.00648/0.0300 Pass Fludioxonil 30 ND 0.0158/0.0478 Pass Spiroxamine Any amt ND 0.00264/0.0300 Pass Hexythiazox 2 ND 0.0102/0.0308 Pass Tebuconazole 2 ND 0.00895/0.0300 Pass Imazalil Any amt ND 0.00863/0.0300 Pass Thiacloprid Any amt ND 0.00553/0.0300 Pass Imadacloprid 3 ND 0.00861/0.0300 Pass Thiamethoxam 4.5 ND </td <td>Fenhexamid</td> <td>10</td> <td>ND</td> <td>0.00833/0.0300</td> <td>Pass</td> <td>Spinosad</td> <td>3</td> <td>ND</td> <td>0.00275/0.0300</td> <td>Pass</td> | Fenhexamid | 10 | ND | 0.00833/0.0300 | Pass | Spinosad | 3 | ND | 0.00275/0.0300 | Pass |
| Fipronil Any amt ND 0.00771/0.0300 Pass Spiromesifen 12 ND 0.00540/0.0300 Pass Flonicamid 2 ND 0.0151/0.0458 Pass Spirotetramat 13 ND 0.00648/0.0300 Pass Fludioxonil 30 ND 0.0158/0.0478 Pass Spirotetramat 13 ND 0.00264/0.0300 Pass Hexythiazox 2 ND 0.0102/0.0308 Pass Tebuconazole 2 ND 0.00895/0.0300 Pass Imazalil Any amt ND 0.00863/0.0300 Pass Thiacloprid Any amt ND 0.00553/0.0300 Pass Imidacloprid 3 ND 0.00861/0.0300 Pass Thiamethoxam 4.5 ND 0.00553/0.0300 Pass | Fenoxycarb | Any amt | ND | 0.00572/0.0300 | Pass | Spinosad A | | ND | 0.00500/0.0100 | N/A |
| Flonicamid 2 ND 0.0151/0.0458 Pass Spirotetramat 13 ND 0.00648/0.0300 Pass Fludioxonil 30 ND 0.0158/0.0478 Pass Spirotetramat Any amt ND 0.00648/0.0300 Pass Hexythiazox 2 ND 0.0102/0.0308 Pass Tebuconazole 2 ND 0.00895/0.0300 Pass Imazalil Any amt ND 0.00863/0.0300 Pass Thiacloprid Any amt ND 0.00177/0.0300 Pass Imidacloprid 3 ND 0.00861/0.0300 Pass Thiamethoxam 4.5 ND 0.00553/0.0300 Pass | Fenpyroximate | 2 | ND | 0.00549/0.0300 | Pass | Spinosad D | | ND | 0.00500/0.0100 | N/A |
| Fludioxonil 30 ND 0.0158/0.0478 Pass Spiroxamine Any amt ND 0.00264/0.0300 Pass Hexythiazox 2 ND 0.0102/0.0308 Pass Tebuconazole 2 ND 0.00895/0.0300 Pass Imazalil Any amt ND 0.00863/0.0300 Pass Thiacloprid Any amt ND 0.00177/0.0300 Pass Imidacloprid 3 ND 0.00861/0.0300 Pass Thiamethoxam 4.5 ND 0.00553/0.0300 Pass | Fipronil | Any amt | ND | 0.00771/0.0300 | Pass | Spiromesifen | | ND | 0.00540/0.0300 | Pass |
| Hexythiazox 2 ND 0.0102/0.0308 Pass Tebuconazole 2 ND 0.00895/0.0300 Pass Imazalil Any amt ND 0.00863/0.0300 Pass Thiacloprid Any amt ND 0.00177/0.0300 Pass Imidacloprid 3 ND 0.00861/0.0300 Pass Thiamethoxam 4.5 ND 0.00553/0.0300 Pass | Flonicamid | 2 | ND | 0.0151/0.0458 | Pass | Spirotetramat | 13 | ND | 0.00648/0.0300 | Pass |
| Imazalil Any amt ND 0.00863/0.0300 Pass Thiacloprid Any amt ND 0.00177/0.0300 Pass Imidacloprid 3 ND 0.00861/0.0300 Pass Thiamethoxam 4.5 ND 0.00553/0.0300 Pass | Fludioxonil | 30 | ND | 0.0158/0.0478 | Pass | Spiroxamine | Any amt | ND | 0.00264/0.0300 | Pass |
| Imidacloprid 3 ND 0.00861/0.0300 Pass Thiamethoxam 4.5 ND 0.00553/0.0300 Pass | Hexythiazox | 2 | ND | 0.0102/0.0308 | Pass | Tebuconazole | 2 | ND | 0.00895/0.0300 | Pass |
| | Imazalil | Any amt | ND | 0.00863/0.0300 | Pass | Thiacloprid | Any amt | ND | 0.00177/0.0300 | Pass |
| Kresoxim-methyl 1 ND 0.00703/0.0300 Pass Trifloxystrobin 30 ND 0.00234/0.0300 Pass | Imidacloprid | 3 | ND | 0.00861/0.0300 | Pass | Thiamethoxam | 4.5 | ND | 0.00553/0.0300 | Pass |
| | Kresoxim-methyl | 1 | ND | 0.00703/0.0300 | Pass | Trifloxystrobin | 30 | ND | 0.00234/0.0300 | Pass |

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS

| Analyte | Limit (µg/kg) | Amt (µg/kg) | LOD/LOQ (µg/kg) | Pass/Fail | Analyte | Limit (µg/kg) | Amt (µg/kg) | LOD/LOQ (µg/kg) | Pass/Fail |
|--------------|---------------|-------------|-----------------|-----------|--------------|---------------|-------------|-----------------|-----------|
| Aflatoxin B1 | | ND | 2.05/6.20 | N/A | Aflatoxin G2 | | ND | 1.02/5.00 | N/A |
| Aflatoxin B2 | | ND | 1.63/5.00 | N/A | Aflatoxins | 20 | ND | | Pass |
| Aflatoxin G1 | | ND | 1.77/5.38 | N/A | Ochratoxin A | 20 | ND | 5.42/16.4 | Pass |

RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS

| Analyte | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/ml) | Pass/Fail | Analyte | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/ml) | Pass/Fail |
|--------------------|--------------|------------|-----------------|-----------|--------------------|--------------|------------|-----------------|-----------|
| 1,2-Dichloroethane | 1 | ND | 0.168/0.511 | Pass | Hexane | 290 | ND | 0.0663/0.282 | Pass |
| Acetone | 5000 | ND | 17.2/51.5 | Pass | Isopropyl alcohol | 5000 | ND | 1.29/3.86 | Pass |
| Acetonitrile | 410 | ND | 0.121/0.361 | Pass | Methanol | 3000 | ND | 2.99/8.96 | Pass |
| Benzene | 1 | ND | 0.0211/0.0642 | Pass | Methylene chloride | 1 | ND | 0.128/0.732 | Pass |
| Butane | 5000 | ND | 0.975/4.87 | Pass | Pentane | 5000 | 12.6 | 0.966/4.29 | Pass |
| Chloroform | 1 | ND | 0.0362/0.108 | Pass | Propane | 5000 | ND | 4.45/13.4 | Pass |
| Ethanol | 5000 | ND | 2.63/7.88 | Pass | Toluene | 890 | ND | 0.0884/0.868 | Pass |
| Ethyl acetate | 5000 | ND | 0.314/2.30 | Pass | Trichloroethylene | 1 | ND | 0.0181/0.146 | Pass |
| Ethylene oxide | 1 | ND | 0.154/0.582 | Pass | o-Xylene | | ND | 0.101/0.861 | N/A |
| Ethyl ether | 5000 | ND | 1.19/3.56 | Pass | p- and m-Xylene | | 6.72 | 0.116/1.72 | N/A |
| Heptane | 5000 | ND | 0.690/2.87 | Pass | Total xylenes | 2170 | 6.72 | 0.0168/0.143 | Pass |

MICR-002: Petrifilm-Aerobic

| Analyte | Amt | Pass/Fail |
|------------------|-----|-----------|
| Aerobic Bacteria | ND | N/A |

| Pass | Methylene chloride | 1 | ND | 0.128/0.732 |
|------|--------------------|------|------|--------------|
| Pass | Pentane | 5000 | 12.6 | 0.966/4.29 |
| Pass | Propane | 5000 | ND | 4.45/13.4 |
| Pass | Toluene | 890 | ND | 0.0884/0.868 |
| Pass | Trichloroethylene | 1 | ND | 0.0181/0.146 |
| Pass | o-Xylene | | ND | 0.101/0.861 |
| Pass | p- and m-Xylene | | 6.72 | 0.116/1.72 |
| Pass | Total xylenes | 2170 | 6.72 | 0.0168/0.143 |
| | | | | |
| | | | | |
| | | | | |

MICR-002: Petrifilm-Coliforms

| Analyte | Amt | Pass/Fail |
|-----------|-----|-----------|
| Coliforms | ND | N/A |



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https://lims.tagleaf.com/coa_/fhBY64RxVJ

MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (inhalable)

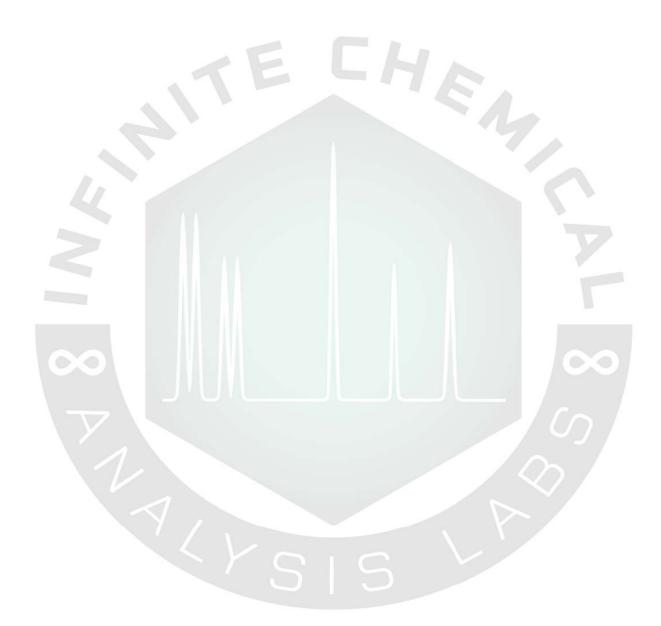
| Analyte | Amt | Pass/Fail |
|-----------------------|-----|-----------|
| Aspergillus flavus | ND | N/A |
| Aspergillus fumigatus | ND | N/A |
| Aspergillus niger | ND | N/A |

| Analyte | Amt | Pass/Fail |
|-------------------------------|-----|-----------|
| Aspergillus terreus | ND | N/A |
| Salmonella spp. | ND | Pass |
| Shiga toxin-producing E. coli | ND | Pass |

HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS

| Analyte | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/g) | Pass/Fail | Analyte | |
|---------|--------------|------------|-----------------|-----------|---------|--|
| Arsenic | 1.5 | ND | 0.00300/0.00900 | Pass | Lead | |
| Cadmium | 0.5 | ND | 0.00100/0.00200 | Pass | Mercury | |

| Analyte | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/g) | Pass/Fail |
|---------|--------------|------------|-----------------|-----------|
| Lead | 0.5 | ND | 0.00100/0.00400 | Pass |
| Mercury | 3 | ND | 0.00500/0.0140 | Pass |





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