



Certificate of Analysis

Client: Aquaprawnics, Inc.
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Invoice Number: 20-18958

PO Number:

Received Date: 12/11/2020

Approved By:

Approved Date: 12/28/2020

Project Name: Shrimp Production 1

| Lab #: 76164 | Sample: Sample Shipment Trials | Sample Date: 12/9/2020 | | | | |
|--|--------------------------------|------------------------|-----------------|-------------------------|---------|---------------|
| Analyte | Results | Units | Detection Limit | Method | Analyst | Date Analyzed |
| Heavy Metals | | | | | | |
| Arsenic | 0.211 | ppm | 0.01 | ESS_3.2.1.201 | KN | 12/17/2020 |
| Cadmium | 0.0161 | ppm | 0.01 | ESS_3.2.1.201 | KN | 12/17/2020 |
| Chromium | 0.0367 | ppm | 0.035 | ESS_3.2.1.201 | KN | 12/17/2020 |
| Lead | <0.01 | ppm | 0.01 | ESS_3.2.1.201 | KN | 12/17/2020 |
| Mercury | <0.01 | ppm | 0.01 | ESS_3.2.1.207 ICP-MS | KN | 12/17/2020 |
| Microbial Enumeration | | | | | | |
| E. coli | Negative | cfu/g | 10 | ESS_2.2.17.b | EG | 12/12/2020 |
| Microbiology Pathogens | | | | | | |
| Listeria species | Negative | per 25 grams | | ESS_2.2.14 | ER | 12/14/2020 |
| Salmonella spp | Negative | per 25 grams | | ESS_2.2.6 | ER | 12/14/2020 |
| Molecular Biology | | | | | | |
| Sulfite | <10 | ppm | 10 | ESS_2.10.17 | MH | 12/23/2020 |
| Natural Toxin | | | | | | |
| Aflatoxin (B1, B2, G1, G2) | <5 | ppb | 5.0 | ESS_6.2.1 | MH | 12/14/2020 |
| Pesticide - Herbicide Methyl Esters | | | | | | |
| 2-Phenylphenol | ND | ppm | 0.01 | ESS_3.1.8.213 | EM | 12/16/2020 |
| Acequinocyl | ND | ppm | 0.1 | ESS_3.1.8.213 | EM | 12/16/2020 |
| Bromopropylate | ND | ppm | 0.01 | ESS_3.1.8.213 | EM | 12/16/2020 |
| Carfentrazone ethyl | ND | ppm | 0.01 | ESS_3.1.8.213 | EM | 12/16/2020 |
| Chlorobenzilate | ND | ppm | 0.01 | ESS_3.1.8.213 | EM | 12/16/2020 |
| Chlorpropham | ND | ppm | 0.01 | ESS_3.1.8.213 | EM | 12/16/2020 |
| Chlozolinate | ND | ppm | 0.01 | ESS_3.1.8.213 | EM | 12/16/2020 |
| DCPA methyl Ester (chlorthal-dimethyl) | ND | ppm | 0.01 | ESS_3.1.8.213 | EM | 12/16/2020 |
| Fluazifop-p-butyl | ND | ppm | 0.01 | ESS_3.1.8.213 | EM | 12/16/2020 |
| Metalaxyl | ND | ppm | 0.01 | ESS_3.1.8.213 | EM | 12/16/2020 |



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| Pesticide - Organochlorine | | | | | | |
| 2,4'-DDD | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| 2,4'-DDE | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| 2,4'-Methoxychlor | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| 2,4-DDT | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| 4,4"-DDD | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| 4,4'-DDE | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| 4,4'-Dichlorobenzophenone | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| 4,4'-Methoxychlor olefin | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| 4,4-DDT | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Aldrin | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| alpha-BHC | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| beta-BHC | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Chlorbenside | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Chlorfenson (Ovex) | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Chloroneb | ND | ppm | 1.0 | ESS_3.1.8.210 | EM | 12/16/2020 |
| cis-Chlordane | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| cis-Nonachlor | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| delta-BHC | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Dieldrin | ND | ppm | 0.02 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Endosulfan ether | ND | ppm | 0.05 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Endosulfan I | ND | ppm | 0.02 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Endosulfan II | ND | ppm | 0.02 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Endosulfan sulfate | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Endrin | ND | ppm | 0.02 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Endrin aldehyde | ND | ppm | 1.0 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Endrin ketone | ND | ppm | 0.02 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Ethylan (Perthane) | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Fenson | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| gamma-BHC | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Heptachlor | ND | ppm | 0.05 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Heptachlor epoxide (Isomer B) | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Hexachlorobenzene | ND | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |

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| Analyte | Results |  | Units | Detection Limit | Method | Analyst | Date Analyzed |
| Isodrin | ND | | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Mirex | ND |  | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Pentachloroanisole | ND | | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Pentachlorobenzene | ND | | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Pentachlorothioanisole | ND | | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| Tetradifon | ND | | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| trans-Chlordane | ND | | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| trans-Nonachlor | ND | | ppm | 0.01 | ESS_3.1.8.210 | EM | 12/16/2020 |
| <u>Pesticides - Organonitrogen</u> | | | | | | | |
| 2,3,5,6-Tetrachloroaniline | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| 2,6-Dichlorobenzonitrile (Dichlobenil) | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| 3,4-Dichloroaniline | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Acetochlor | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Alachlor | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Allidochlor | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Atrazine | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Benfluralin | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Biphenyl | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Bupirimate | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Captafol | ND | | ppm | 0.05 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Captan | ND | | ppm | 0.05 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Chlorfenapyr | ND | | ppm | 0.05 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Chlorothalonil | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Clomazone (Command) | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Cycloate | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Cyprodinil | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Diallate (cis & trans) | ND | | ppm | 0.02 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Dichlofluanid | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Dichloran | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Dimethachlor | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Diphenamid | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Dipheynlamine | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Ethalfuralin | ND | | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |



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| Etofenprox | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Etridiazole | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Fenarimol | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Fenpropathrin | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Fipronil | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Fluchloralin | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Fludioxonil | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Fluquinconazole | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Fluridone (Sonar) | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Flusilazole | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Flutolanil | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Flutriafol | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Folpet | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Hexazinone (Velpar) | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Iprodione | ND | ppm | 0.02 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Isopropalin | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Lenacil | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Linuron | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Metazachlor | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Methoxychlor | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Metolachlor | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| MGK-264 | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Myclobutanil | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| N-(2,4-Dimethylphenyl)formamide | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Nitralin | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Nitrofen | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Norflurazon | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Oxadiazon | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Oxyfluorfen | ND | ppm | 0.02 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Paclobutrazol | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Pebulate | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Penconazole | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |
| Pendimethalin | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 |

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|--|---------|--------------------------------|-----------------|---------------|------------------------|---------------|--|
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| Pentachloroaniline | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Pentachlorobenzonitrile | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Pentachloronitrobenzene (Quintozene) | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Pretilachlor | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Prochloraz | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Procymidone | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Prodiamine | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Profluralin | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Propachlor | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Propanil | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Propargite | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Propisochlor | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Propyzamide | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Pyridaben | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Pyrimethanil | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Pyriproxyfen | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Tebuconazole | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Tebufenpyrad | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Terbacil | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Terbuthylazine | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Tetrachloronitrobenzene (Tecnazene) | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| THPI (Tetrahydrophthalimide) | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Tolyfluanid | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Triadimefon | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Triadimenol | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Triallate | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Tricyclazole (Beam) | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Triflumizole | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Trifluralin | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| Vinclozolin | ND | ppm | 0.01 | ESS_3.1.8.211 | EM | 12/16/2020 | |
| <u>Pesticides - Organophosphorous</u> | | | | | | | |
| Azinophos ethyl | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 | |
| Azinophos methyl | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 | |

ND = Not detected above the listed detection limit
MM = Modified Method
RR = Revised Result



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|-----------------------------|---------|-------|-----------------|---------------|---------|---------------|
| Bromfenvinfos-methyl | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Bromfenvinphos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Bromophos ethyl | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Bromophos methyl | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Carbophenothion | ND | ppm | 0.05 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Chlorfenvinphos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Chlorpyrifos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Chlorpyrifos methyl | ND | ppm | 0.05 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Chlorthiophos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Coumaphos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Diazinon | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Disulfoton | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Edifenphos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| EPN | ND | ppm | 0.02 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Ethion | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Fenamiphos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Fenchlorphos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Fenitrothion | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Fenthion | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Fonofos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Iodofenphos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Isazophos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Leptophos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Malathion | ND | ppm | 0.05 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Methacrifos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Methyl parathion | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Mevinphos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Parathion (Ethyl parathion) | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Phorate | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Phosalone | ND | ppm | 0.02 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Phosmet | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Piperonyl butoxide | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Pirimiphos ethyl | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |



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|---|---------|-------|-----------------|---------------|---------|---------------|
| Pirimiphos methyl | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Profenofos | ND | ppm | 0.02 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Prothiofos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Pyraclufos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Pyrazophos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Pyridaphenthion | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Quinalphos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Sulfotepp | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Sulprofos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Terbufos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Tetrachlorvinfos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Tolclofos-methyl | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| Triazophos | ND | ppm | 0.01 | ESS_3.1.8.209 | EM | 12/16/2020 |
| <u>Pesticides - Synthetic Pyrethroid</u> | | | | | | |
| Acinathrin | ND | ppm | 0.02 | ESS_3.1.8.212 | EM | 12/16/2020 |
| Anthraquinone | ND | ppm | 0.01 | ESS_3.1.8.212 | EM | 12/16/2020 |
| Bifenthrin | ND | ppm | 0.01 | ESS_3.1.8.212 | EM | 12/16/2020 |
| Bioallethrin | ND | ppm | 0.01 | ESS_3.1.8.212 | EM | 12/16/2020 |
| cis-Permethrin | ND | ppm | 0.01 | ESS_3.1.8.212 | EM | 12/16/2020 |
| Cyfluthrin | ND | ppm | 0.02 | ESS_3.1.8.212 | EM | 12/16/2020 |
| Cypermethrin | ND | ppm | 0.02 | ESS_3.1.8.212 | EM | 12/16/2020 |
| Deltamethrin | ND | ppm | 0.01 | ESS_3.1.8.212 | EM | 12/16/2020 |
| Fenvalerate | ND | ppm | 0.02 | ESS_3.1.8.212 | EM | 12/16/2020 |
| Flucythrinate | ND | ppm | 0.01 | ESS_3.1.8.212 | EM | 12/16/2020 |
| Lambda-Cyhalothrin | ND | ppm | 0.02 | ESS_3.1.8.212 | EM | 12/16/2020 |
| Phenothrin (cis & trans) | ND | ppm | 0.02 | ESS_3.1.8.212 | EM | 12/16/2020 |
| Resmethrin | ND | ppm | 0.01 | ESS_3.1.8.212 | EM | 12/16/2020 |
| tau-Fluvalinate | ND | ppm | 0.01 | ESS_3.1.8.212 | EM | 12/16/2020 |
| Tefluthrin | ND | ppm | 0.01 | ESS_3.1.8.212 | EM | 12/16/2020 |
| Tetramethrin | ND | ppm | 0.01 | ESS_3.1.8.212 | EM | 12/16/2020 |
| trans-Permethrin | ND | ppm | 0.01 | ESS_3.1.8.212 | EM | 12/16/2020 |
| Transfluthrin | ND | ppm | 0.01 | ESS_3.1.8.212 | EM | 12/16/2020 |



Certificate of Analysis

Lab #: 76164

Sample: Sample Shipment Trials

Sample Date: 12/9/2020

| Analyte | Results | Units | Detection Limit | Method | Analyst | Date Analyzed |
|------------------|---------|-------|-----------------|-----------------|---------|---------------|
| Proximate | | | | | | |
| Moisture | 73.76 | % | | ESS_3.3.6.200.a | SO | 12/16/2020 |
| Ash | 2.48 | % | | ESS_3.3.6.305.a | SO | 12/16/2020 |
| Carbohydrates | 0.58 | % | | ESS_1.1.39 | KW | 12/21/2020 |
| Fat | 1.88 | % | | ESS_3.3.6.205 | AH | 12/17/2020 |
| Protein | 21.3 | % | | ESS_3.3.3.205 | KW | 12/16/2020 |