

May 10, 2019

GARDEN OF LIFE

4200 Northcorp Parkway
Palm Beach Gardens, FL 33410

Order No. 506013
Sample No. 1025789

SAMPLE INFORMATION

Description NV-105978 Hemp Extract w/ Astaxanthin
Lot Number W2864468
Category (Type) Other
Received April 22, 2019

ANALYTICAL RESULTS

Analysis Cannabinoid Profile
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method American Herbal Pharmacopoeia
Analysis Date April 22, 2019 to May 10, 2019

| Analyte | mg/g | mg/g (dry) | % (dry) | mg/ml | Listed Value (mg/g) | % Difference | Status |
|-----------|-------|------------|---------|---------|---------------------|--------------|--------|
| Total THC | ND | ND | ND | ND | - | - | - |
| Total CBD | 15.05 | 15.05 | 1.50817 | 13.8671 | - | - | - |

Label Claims n/p
mg/ml Conversion Factor 0.9214

Reported by
Anresco, Inc.



Zachary Eisenberg
Vice President

May 10, 2019

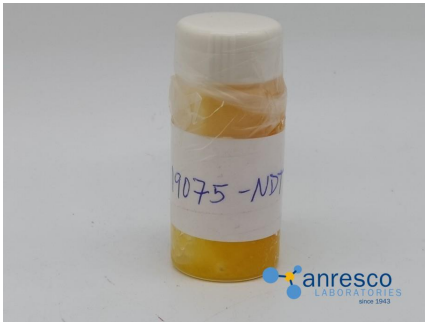
Limit of Quantitation: 1.0 mg/g
Limit of Detection: 0.4 mg/g
ND = None Detected
<LOQ = Below Limit of Quantitation
<LOD = Below Limit of Detection

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
C8-18-0000020-TEMP

CLIENT:

Garden of Life
4200 Northcorp Parkway
Palm Beach Gardens, FL 33410



SAMPLE INFORMATION

Sample No.: 1023489
Product Name: NDT Whole Plant Hemp CO2 Extract Oil
Matrix: Concentrate
Batch #: PX-19075-NDT

Date Received: 03/18/2019
Date Reported: 04/27/2019

TEST SUMMARY

Cannabinoid Profile:
Microbiological Screen: ✔ Pass
Pesticide Residue Screen: ✔ Pass
Mycotoxin Screen: ✔ Pass

Terpenoid Profile:
Residual Solvent Screen: ✔ Pass
Heavy Metal Screen: ✔ Pass
Other Analyses:
Overall: ✔ Pass

CANNABINOID PROFILE

03/21/2019

Method: American Herbal Pharmacopoeia
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Quantitation: 1.0 mg/g
Limit of Detection: 0.4 mg/g

| Analyte | mg/g (dry) | % (dry) | Listed Value (mg/g) | % Difference | Status |
|---------------------------|------------|---------|---------------------|--------------|--------|
| 88 THC | ND | ND | - | - | - |
| 89 THC | ND | ND | - | - | - |
| THCV | 2.34862 | 0.235 | - | - | - |
| THCVA | ND | ND | - | - | - |
| THCA | ND | ND | - | - | - |
| CBD | 834.576 | 83.458 | - | - | - |
| CBDA | 1.12325 | 0.112 | - | - | - |
| CBC | BLOQ(1) | BLOQ(1) | - | - | - |
| CBCA | ND | ND | - | - | - |
| CBDV | 3.88032 | 0.388 | - | - | - |
| CBG | ND | ND | - | - | - |
| CBGA | ND | ND | - | - | - |
| CBN | ND | ND | - | - | - |
| Total THC | ND | ND | - | - | - |
| Total CBD | 835.561 | 83.556 | - | - | - |
| Total Cannabinoids | 841.928 | 84.193 | - | - | - |
| Total Active Cannabinoids | 841.79 | 84.179 | - | - | - |

Label Claims: n/p

TERPENOID PROFILE

03/20/2019

Method: American Herbal Pharmacopoeia
Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

| Terpene | mg/g | % | Listed Value | % Difference | Status |
|--------------------|-------|--------|--------------|--------------|--------|
| α-Pinene | 0.436 | 0.0436 | - | - | - |
| Isopulegol | ND | ND | - | - | - |
| Camphene | 0.029 | 0.0029 | - | - | - |
| Menthol | ND | ND | - | - | - |
| β-Myrcene | 1.824 | 0.1824 | - | - | - |
| (-)-Borneol | 0.043 | 0.0043 | - | - | - |
| β-Pinene | 0.24 | 0.0240 | - | - | - |
| Terpineol | 0.229 | 0.0229 | - | - | - |
| δ-3-Carene | ND | ND | - | - | - |
| Citronellol | ND | <LOQ | - | - | - |
| Limonene | 0.731 | 0.0731 | - | - | - |
| Geraniol | ND | ND | - | - | - |
| α-Terpinene | 0.016 | 0.0016 | - | - | - |
| β-Caryophyllene | 3.235 | 0.3235 | - | - | - |
| trans-beta-Ocimene | 0.052 | 0.0052 | - | - | - |
| α-Humulene | 1.023 | 0.1023 | - | - | - |
| cis-beta-Ocimene | 0.12 | 0.0120 | - | - | - |
| cis-Nerolidol | ND | ND | - | - | - |
| p-Cymene | ND | ND | - | - | - |

| Terpene | mg/g | % | Listed Value | % Difference | Status |
|-----------------------|---------------|---------------|--------------|--------------|----------|
| trans-Nerolidol | 0.032 | 0.0032 | - | - | - |
| Eucalyptol | 0.139 | 0.0139 | - | - | - |
| Guaiol | 1.955 | 0.1955 | - | - | - |
| γ-Terpinene | 0.019 | 0.0019 | - | - | - |
| Caryophyllene Oxide | 0.123 | 0.0123 | - | - | - |
| Terpinolene | 0.015 | 0.0015 | - | - | - |
| α-Bisabolol | 0.341 | 0.0341 | - | - | - |
| Linalool | 0.206 | 0.0206 | - | - | - |
| Eudesmol | 0.29 | 0.0290 | - | - | - |
| Total Terpenes | 11.098 | 1.1098 | - | - | - |

MICROBIOLOGICAL SCREEN

03/22/2019

| Analysis | Method | Findings | Limit | Status |
|-----------|--------------------|----------|-------|--------|
| SPC | FDA BAM | <100 | NA | - |
| Yeast | FDA BAM | <10 | NA | - |
| Mold | FDA BAM | <10 | NA | - |
| Coliforms | FDA BAM - ECC Agar | <10 | NA | - |
| E. coli | FDA BAM - ECC Agar | <10 | NA | - |

Comments: Salmonella AOAC 2013.01 - Negative/1g
 Staph AOAC 2003.07 - <10 cfu/g

PESTICIDE RESIDUE SCREEN

✓ Pass

03/22/2019

Method: MF 21P030

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

| Analyte | LOD / LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|-------------------------|------------------|-----------------|--------------|--------|
| Abamectin | 0.04/0.10 | ND | 0.1 | Pass |
| Acephate | 0.04/0.10 | ND | 0.1 | Pass |
| Acequinocyl | 0.04/0.10 | ND | 0.1 | Pass |
| Acetamiprid | 0.04/0.10 | ND | 0.1 | Pass |
| Aldicarb | 0.04/0.10 | ND | 0.0 | Pass |
| Azoxystrobin | 0.04/0.10 | ND | 0.1 | Pass |
| Bifenazate | 0.04/0.10 | ND | 0.1 | Pass |
| Bifenthrin | 0.20/0.50 | ND | 3.0 | Pass |
| Boscalid | 0.04/0.10 | ND | 0.1 | Pass |
| Captan | 0.25/0.70 | ND | 0.7 | Pass |
| Carbaryl | 0.20/0.50 | ND | 0.5 | Pass |
| Carbofuran | 0.04/0.10 | ND | 0.0 | Pass |
| Chlorantraniliprole | 0.04/0.10 | ND | 10.0 | Pass |
| Chlordane | 0.04/0.10 | ND | 0.0 | Pass |
| Chlorfenapyr | 0.04/0.10 | ND | 0.0 | Pass |
| Chlorpyrifos | 0.04/0.10 | ND | 0.0 | Pass |
| Clofentezine | 0.04/0.10 | ND | 0.1 | Pass |
| Coumaphos | 0.04/0.10 | ND | 0.0 | Pass |
| Cyfluthrin | 0.70/2.00 | ND | 2.0 | Pass |
| Cypermethrin | 0.35/1.00 | ND | 1.0 | Pass |
| Daminozide | 0.04/0.10 | ND | 0.0 | Pass |
| DDVP (Dichlorovous) | 0.04/0.10 | ND | 0.0 | Pass |
| Diazinon | 0.04/0.10 | ND | 0.1 | Pass |
| Dimethoate | 0.04/0.10 | ND | 0.0 | Pass |
| Dimethomorph | 0.04/0.10 | ND | 2.0 | Pass |
| Ethoprop(hos) | 0.04/0.10 | ND | 0.0 | Pass |
| Etofenprox | 0.04/0.10 | ND | 0.0 | Pass |
| Etoxazole | 0.04/0.10 | ND | 0.1 | Pass |
| Fenhexamid | 0.04/0.10 | ND | 0.1 | Pass |
| Fenoxycarb | 0.04/0.10 | ND | 0.0 | Pass |
| Fenpyroximate | 0.04/0.10 | ND | 0.1 | Pass |
| Fipronil | 0.04/0.10 | ND | 0.0 | Pass |
| Fonicamid | 0.04/0.10 | ND | 0.1 | Pass |
| Fludioxanil | 0.04/0.10 | ND | 0.1 | Pass |
| Hexythiazox | 0.04/0.10 | ND | 0.1 | Pass |
| Imazalil | 0.04/0.10 | ND | 0.0 | Pass |
| Imidacloprid | 0.04/0.10 | ND | 5.0 | Pass |
| Kresoxim Methyl | 0.04/0.10 | ND | 0.1 | Pass |
| Malathion | 0.20/0.50 | ND | 0.5 | Pass |
| Metalaxyl | 0.04/0.10 | ND | 2.0 | Pass |
| Methiocarb | 0.04/0.10 | ND | 0.0 | Pass |
| Methomyl | 0.04/1.00 | ND | 1.0 | Pass |
| Methyl parathion | 0.04/0.10 | ND | 0.0 | Pass |
| Mevinphos | 0.04/0.10 | ND | 0.0 | Pass |
| Myclobutanil | 0.04/0.10 | ND | 0.1 | Pass |
| Naled | 0.50/1.50 | ND | 0.1 | Pass |
| Oxamyl | 0.20/0.50 | ND | 0.5 | Pass |
| Pacllobutrazol | 0.04/0.10 | ND | 0.0 | Pass |
| Pentachloronitrobenzene | 0.04/0.10 | ND | 0.1 | Pass |
| Permethrins | 0.20/0.50 | ND | 0.5 | Pass |

| Analyte | LOD / LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|---------------------------|---------------------|-----------------|--------------|--------|
| Phosmet | 0.04/0.10 | ND | 0.1 | Pass |
| Piperonyl Butoxide | 0.04/0.10 | ND | 3.0 | Pass |
| Prallethrin | 0.50/1.50 | ND | 0.1 | Pass |
| Propiconazole | 0.04/0.10 | ND | 0.1 | Pass |
| Propoxur | 0.04/0.10 | ND | 0.0 | Pass |
| Pyrethrins | 0.20/0.50 | ND | 0.5 | Pass |
| Pyridaben | 0.04/0.10 | ND | 0.1 | Pass |
| Spinetoram | 0.04/0.10 | ND | 0.1 | Pass |
| Spinosad | 0.04/0.10 | ND | 0.1 | Pass |
| Spiromesifen | 0.04/0.10 | ND | 0.1 | Pass |
| Spirotetramat | 0.04/0.10 | ND | 0.1 | Pass |
| Spiroxamine | 0.04/0.10 | ND | 0.0 | Pass |
| Tebuconazole | 0.04/0.10 | ND | 0.1 | Pass |
| Thiacloprid | 0.04/0.10 | ND | 0.0 | Pass |
| Thiamethoxam | 0.35/1.00 | ND | 5.0 | Pass |
| Trifloxystrobin | 0.04/0.10 | ND | 0.1 | Pass |
| Acetochlor | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Alachlor | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Aldicarb Sulfone | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Aldicarb sulfoxide* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Aldrin* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Atrazine | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Benfluralin | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| BHC alpha | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| BHC beta | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Bitertanol | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Buprofezin | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Carbendazim (MBC) | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Carfentrazone ethyl | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Chlorobenzilate | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Chlorotoluron | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Chlorpropham | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Chlorpyrifos methyl | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Chlorthiophos | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Clethodim | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Clomazone | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Clothianidin | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Cyazofamid* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Cymoxanil* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Cyprodinil* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Cyromazine | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| DACP (Dacthal) | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Diallate | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Dieldrin | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Diflubenzuron | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Dimethachlor | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Diniconazole | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Dinotefuran | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Diphenamid | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Diphenylamine (DPA) | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Diuron | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Esfenvalerate | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Ethalfuralin | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Ethylan | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Etridazole* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Fenarimol | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Fenbuconazole | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Fenpropimorph | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Fenthion | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Fenvalerate | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Fluazifop-P-butyl | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Flubendiamide | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Fluchloralin | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Flucythrinate | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Fluoxastrobin | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Flusilazole | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Flutolanil | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Flutriafol | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Fonofos* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Formetanate Hydrochloride | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Heptachlor | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Hexachlorobenzene | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Hexaconazole | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Hexazinone | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| 3-Hydroxycarbofuran | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Indoxacarb* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Isazophos | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Isopropalin | 0.04-0.20 / 0.1-0.5 | ND | - | - |

| Analyte | LOD / LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|--------------------------|---------------------|-----------------|--------------|--------|
| Isoproturon | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Lindane | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Linuron* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Mandipropamid | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Methamidophos | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Methoxychlor* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| 4-4'-Methoxychlor olefin | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Methoxyfenozide | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Metolachlor | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| MGK 264* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Mirex* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Novaluron | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| 5-OH Thiabendazole* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Omethoate* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Oxadiazon | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Oxyflourfen | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Parathion | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Pebulate* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Penconazole | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Pendimethalin | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Pentachloroaniline | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Pentachloroanisole | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Pentachlorobenzene | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Pentachlorobenzonitrile | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| 2-Phenylphenol | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Pirimicarb | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Pirimiphos-ethyl | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Pirimiphos methyl | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Pretilachlor | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Prochloraz* | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Procymidone | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Propamocarb | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Propargite | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Propisochlor | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Propyzamide | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Prothiofos | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Pymetrozine | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Pyraclostrobin | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Pyrimethanil | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Pyriproxyfen | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Quinalphos | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Quintozene | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Sulfentrazone | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Sulfotep | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Tau-Fluvalinate | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Tebufenozide | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Tecnazene | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Tefluthrin | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Terbutylazine | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Tetrachloroaniline | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Tetradifon | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Thiobencarb | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Tolclofos-methyl | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Transfluthrin | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Triadimefon | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Triallate | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Trichlorfon | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Tricyclazole | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Triflumizole | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Trifluralin | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Vamidothion | 0.04-0.20 / 0.1-0.5 | ND | - | - |
| Vinclozolin | 0.04-0.20 / 0.1-0.5 | ND | - | - |

RESIDUAL SOLVENT SCREEN ✔ Pass

03/21/2019

Method: USP OVI<467>

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

| Analyte | LOD / LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|--------------------|------------------|-----------------|--------------|--------|
| 1,2-Dichloroethane | 0.40/1.00 | ND | 1.0 | Pass |
| Acetone | 17/75 | <LOQ | 5000 | Pass |
| Acetonitrile | 1/6 | ND | 410 | Pass |
| Benzene | 0.40/1.00 | ND | 1.0 | Pass |
| n-Butane | 200/600 | ND | 5000 | Pass |
| Chloroform | 0.40/1.00 | ND | 1.0 | Pass |
| Ethanol | 22/100 | ND | 5000 | Pass |
| Ethyl Acetate | 9/40 | ND | 5000 | Pass |
| Ethyl Ether | 11/50 | ND | 5000 | Pass |
| Ethylene Oxide | 0.40/1.00 | ND | 1.0 | Pass |
| n-Heptane | 11/50 | ND | 5000 | Pass |
| n-Hexane | 1/5 | ND | 290 | Pass |
| Isopropyl Alcohol | 11/50 | ND | 5000 | Pass |
| Methanol | 6/25 | ND | 3000 | Pass |
| Methylene Chloride | 0.40/1.00 | ND | 1.0 | Pass |
| n-Pentane | 17/75 | ND | 5000 | Pass |
| Propane | 125/250 | ND | 5000 | Pass |
| Toluene | 3/15 | ND | 890 | Pass |
| Total Xylenes | 1/3 | ND | 2170 | Pass |
| Trichloroethylene | 0.40/1.00 | ND | 1.0 | Pass |

HEAVY METAL SCREEN ✔ Pass

03/22/2019

Method: MF 24E020

Instrument: ICP-MS

| Analyte | LOD / LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|---------|------------------|-----------------|--------------|--------|
| Arsenic | 0.02/0.05 | ND | 0.2 | Pass |
| Cadmium | 0.02/0.05 | ND | 0.2 | Pass |
| Mercury | 0.02/0.05 | ND | 0.1 | Pass |
| Lead | 0.02/0.05 | <LOQ | 0.5 | Pass |

MYCOTOXIN SCREEN ✔ Pass

03/22/2019

Method: MF 21P030

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

| Analyte | LOD / LOQ (µg/kg) | Findings (µg/kg) | Limit (µg/kg) | Status |
|------------------|-------------------|------------------|---------------|--------|
| Total Aflatoxins | 10/20 | ND | 20 | Pass |
| Ochratoxin A | 10/20 | ND | 20 | Pass |

OTHER ANALYSES

| Analyte | Method | Instrument | Findings | Date Completed | Limit | Status |
|---------------------|-----------------|---------------------------|-------------------|----------------|-------|--------|
| Moisture | AOAC 930.04 | Vacuum or Forced Air Oven | 2.07 | 03/21/2019 | - | - |
| Color | - | - | Light Amber | 03/29/2019 | - | - |
| Flavor | - | - | Mildly Herbaceous | 03/29/2019 | - | - |
| Odor | - | - | Mildly Piney | 03/29/2019 | - | - |
| Gluten | Veratox - ELISA | - | None detected | 03/29/2019 | - | - |
| Total Fat | AOAC 996.06 | - | 0.94 % | 04/27/2019 | - | - |
| Saturated Fat | - | - | 0.46 % | 04/27/2019 | - | - |
| Monounsaturated Fat | - | - | 0.16 % | 04/27/2019 | - | - |
| Polyunsaturated Fat | - | - | 0.31 % | 04/27/2019 | - | - |
| Omega-3 Fat | - | - | 0.19 % | 04/27/2019 | - | - |
| Trans Fat | - | - | 0.06 % | 04/27/2019 | - | - |

(-) = Not Tested, ND = None Detected, <LOQ = Below Limit of Quantitation, LOD = Limit of Detection

All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 5730, pursuant to 16 CCR section 5726(e)(13)

Reported by



April 27, 2019



Scan to verify



This report cannot be used for ODA, OHA or OLCC compliance requirements.

Customer: Klersun LLC

Product identity: PX-19075-NDT
Client/Metric ID: .
Sample Date:
Laboratory ID: 19-002871-0001
Relinquished by: Received By Mail
Temp: 19.9 °C

Weight Received: 4.5 g

Sample Results

| Individual Analyses | | | | | | | | |
|---------------------|--------|--------|-------|--------|---------|----------|-----------------------|-------|
| Analyte | Result | Limits | Units | LOQ | Batch | Analyze | Method | Notes |
| Glyphosate | < LOQ | | mg/kg | 0.0500 | 1902492 | 03/25/19 | QuPPE-method, EURL-SR | |



This report cannot be used for ODA, OHA or OLCC compliance requirements.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Units of Measure

g = Gram

mg/kg = Milligram per kilogram

% wt = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager