

Certificate of Analysis



Contact: Shane Morris Anandia Sample ID: ALPM-820
Client Name: The Hydrothecary Sample Name: 114THC2016 Bag 1640
Phone: 1.819.230.1431 Sample Type: Dried Flower
Email: shane.morris@thehydrothecary.com
Sample Received: 03-May-17 COA generated: 11-May-17

The raw data to generate this certificate of analysis (COA) has been reviewed and supports the results reported in this COA.

Authorized By:

John Coleman, PhD
COO, QPIC and QC Head

Pesticide Analysis

Date of Analysis: 04-May-17

As a guideline for pesticide screening, Anandia Labs uses the Oregon White Paper entitled "Technical Report: Oregon Health Authority's Process to Determine Which Types of Contaminants to Test for in Cannabis Products, and Levels for Action". Anandia's pesticide screen is performed using (LC-MS/MS) and can screen down to below single digit ppb concentrations for most pesticides. Currently we analyze for 51 pesticides, fungicides and PGRs. No detection of Myclobutanil at less than 10 ppb in dried herbal cannabis. [Anandia Method: AL-407 v1]

| Results | | | Results | | |
|----------------------|------------|----------------|--------------------|----------------|----|
| Pesticide Name | MRL* (PPM) | PPB (observed) | MRL* (PPM) | PPB (observed) | |
| Abamectin | 1.4 | ND | Imazalil | 21 | ND |
| Acephate | 100 | ND | Imidacloprid | 42 | ND |
| Acetamiprid | 49 | ND | Kresoxim-methyl | 280 | ND |
| Aldicarb | 2.1 | ND | Malathion | 1000 | ND |
| Azoxystrobin | 140 | ND | Metalaxyl | 56 | ND |
| Bifenazate | 7 | ND | Methiocarb | 14 | ND |
| Boscalid | 28 | ND | Methomyl | 14 | ND |
| Carbaryl | 5.6 | ND | Myclobutanil | 21 | ND |
| Carbofuran | 0.7 | ND | Oxamyl | 6.3 | ND |
| Chlorfenapyr | 21 | ND | Paclobutrazol | 70 | ND |
| Chlorpyrifos (ethyl) | 7 | ND | Parathion-methyl | 200 | ND |
| Clofentezine | 14 | ND | Phosmet | 50 | ND |
| Daminozide | 350 | ND | Piperonyl butoxide | 3000 | ND |
| Diazinon | 500 | ND | Propiconazole | 49 | ND |
| Dibrom (Naled) | 0 | ND | Propoxur | 14 | ND |
| Dichlorvos | 1000 | ND | Pyrethrin I | 3* | ND |
| Dimethoate | 100 | ND | Pyrethrin II | 3* | ND |
| Ethoprophos | 0.28 | ND | Pyridaben | 7 | ND |
| Etofenprox | 21 | ND | Spinosad A | 14 | ND |
| Etoxazole | 35 | ND | Spinosad D | 14 | ND |
| Fenoxycarb | 37.1 | ND | Spiromesifen | 21 | ND |
| Fenpyroximat | 7 | ND | Spirotetramat | 35 | ND |
| Fipronil | 0.14 | ND | Spiroxamine | 17.5 | ND |
| Flonicamid | 49 | ND | Tebuconazole | 21 | ND |
| Fludioxonil | 280 | ND | Thiacloprid | 7 | ND |
| Hexythiazox | 21 | ND | Thiamethoxam | 56 | ND |
| | | | Trifloxystrobin | 28 | ND |

*EP/USP MRL. For Pyrethrins, the MRL is for sum of both isomers.

All other MRL by calculation, assuming 70 kg person as per EP/USP and 1 g/d consumption as per EP 2.8.13

ND = Not Detected, BLQ = Below Limit of Quantification, "-" = Not reported