

Certificate of Analysis



Contact:	Shane Morris	Anandia Sample ID:	ALPM-826
Client Name	The Hydrothecary	Sample Name:	134THC2016 Bag 1956
Phone:	1.819.230.1431	Sample Type:	Dried Flower
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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]

Pesticide Name	Results		Results		
	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