



**FLORA RESEARCH LABORATORIES, LLC
ANALYTICAL REPORT**

DATE: June 6, 2018

FRL JOB: J18-0531-C

FRL SAMPLE ID: 180502013

REPORT: Quantitative Analysis of Pesticides in Botanical Dietary Supplements using FDA Modified QuEChERS Sample Preparation and Gas Chromatography-Tandem Mass Spectrometry (GC-QQQ) for USP<561> pesticides (less bromide ion and dithiocarbamates expressed as CS2).

CLIENT: Lost Empire Herbs

CLIENT SAMPLE ID: PP013018 Pine Pollen

RESULT:

Compound	Limit (PPM)	Result	Compound	Limit (PPM)	Result
Acephate	0.1	PASS	Fonophos	0.05	PASS
Alachlor	0.05	PASS	Heptachlor (sum of heptachlor, <i>cis</i> -heptachlorepoide, and <i>trans</i> -heptachlorepoide)	0.05	PASS
Aldrin and dieldrin (sum of)	0.05	PASS	Hexachlorobenzene	0.1	PASS
Azinphos-ethyl	0.1	PASS	Hexachlorocyclohexane (sum of isomers α -, β -, δ , and ϵ)	0.3	PASS
Azinphos-methyl	1	PASS	Lindan (γ -hexachlorocyclohexane)	0.6	PASS
Bromophos-ethyl	0.05	PASS	Malathion and malaoxon (sum of)	1	PASS
Bromophos-methyl	0.05	PASS	Mecarbam	0.05	PASS
Brompropylate	3	PASS	Methacrifos	0.05	PASS
Chlordane (sum of <i>cis</i> -, <i>trans</i> -, and oxychlordane)	0.05	PASS	Methamidophos	0.05	PASS
Chlorfenvinfos	0.5	PASS	Methidathion	0.2	PASS
Chlorpyrifos-ethyl	0.2	PASS	Methoxychlor	0.05	PASS
Chlorpyrifos-methyl	0.1	PASS	Mirex	0.01	PASS
Chlorthal-dimethyl	0.01	PASS	Mönocrotophos	0.1	PASS
Cyfluthrin (sum of)	0.1	PASS	Parathion-ethyl and Paraoxon-ethyl (sum of)	0.5	PASS
λ -Cyhalothrin	1	PASS	Parathion-methyl and Paraoxon-methyl (sum of)	0.2	PASS
Cypermethrin and isomers (sum of)	1	PASS	Pendimethalin	0.1	PASS
DDT (sum of <i>o,p'</i> -DDE, <i>p,p'</i> -DDE, <i>o,p'</i> -DDT, <i>p,p'</i> -DDT, <i>o,p'</i> -TDE, and <i>p,p'</i> -TDE)	1	PASS	Pentachloranisol	0.01	PASS
Deltamethrin	0.5	PASS	Permethrin and isomers (sum of)	1	PASS
Diazinon	0.5	PASS	Phosalone	0.1	PASS
Dichlofluanid	0.1	PASS	Phosmet	0.05	PASS
Dichlorvos	1	PASS	Piperonyl butoxide	3	PASS
Dicofol	0.5	PASS	Pirimiphos-ethyl	0.05	PASS
Dimethoate and omethoate (sum of)	0.1	PASS	Pirimiphos-methyl (sum of pirimiphos-methyl and <i>N</i> -desethyl-pirimiphos-methyl)	4	PASS
Endosulfan (sum of isomers and endosulfan sulphate)	3	PASS	Procyimidone	0.1	PASS
Endrin	0.05	PASS	Profenophos	0.1	PASS
Ethion	2	PASS	Prothiophos	0.05	PASS
Etrifos	0.05	PASS	Pyrethrum (sum of cinerin I, cinerin II, jasmolin I, jasmolin II, pyrethrin I, and pyrethrin II)	3	PASS
Fenchlorphos (sum of fenchlorophos and fenchlorophos-oxon)	0.1	PASS	Quinalphos	0.05	PASS
Fenitrothion	0.5	PASS	Quintozene (sum of quintozene, pentachloraniline, and methyl pentachlorophenyl sulfide)	1	PASS
Fenpropathrin	0.03	PASS	S-421	0.02	PASS
Fensulfothion (sum of fensulfothion, fensulfothion-oxon, fensulfothion-oxonsulfon, and fensulfothion-sulfon)	0.05	PASS	Tecnazene	0.05	PASS
Fenthion (sum of fenthion, fenthion-oxon, fenthion-oxon-sulfon, fenthion-oxon-sulfoxid, fenthion-sulfon, and fenthion-sulfoxid)	0.05	PASS	Tetradifon	0.3	PASS
Fenvalerate	1.5	PASS	Vinclozolin	0.4	PASS
Flucytrinate	0.05	PASS			
t-Fluvalinate	0.05	PASS			

Assayed/Reported By:

James Neal Kababick
Laboratory Director

Date: 6/6/18