

CERTIFICATE OF ANALYSIS

Client: The Hydropharmacy
Client Sample ID: LOT 147-BAG2110

Report ID: 227191
RPC Sample ID: 227191-2

Report Date: 03-May-17

Matrix: Marijuana

Test Description	Method Reference	Tolerance Limit	Result
Total Aerobic Bacteria Count	MFHPB-18	≤ 500000 cfu/g	pass
Total Yeast and Mould Count	MFHPB-22	≤ 50000 cfu/g	pass
Bile-Tolerant Gram Negative Bacteria	USP <62>	< 10000 MPN/g	pass
E.coli	USP <62>	0/1 g	pass
Salmonella	MFHPB-20	0/25 g	pass
Aflatoxin B1	OAS-SV19 (Immuno Affinity/HPLC)	< 5 ng/g	pass
Total Aflatoxins (sum of B1, B2, G1, G2)	USP <561>Method III	< 10 ng/g	pass
Cadmium	SOP 4.M26 (Microwave Digestion ICP-MS/ES) EPA3051, 200.8, 200.7	< 1 mg/kg	pass
Lead		< 5 mg/kg	pass
Arsenic		< 0.2 mg/kg	pass
Mercury	SOP 4.M26 (Cold Vapour AAS) EPA 246.6	< 0.1 mg/kg	pass
Pesticides	OAS-SV24 USP <561>	< Reporting Limits	pass

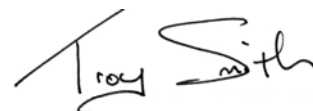
Cannabinoid Profile	Method Reference	Tolerance Limit	Result
THC (Delta-9-Tetrahydrocannabinol)	OAS-SV21 Recommended Methods for the Identification and Analysis of Cannabis and Cannabis Products- United Nations Office on Drugs and Crime	No Tolerance Limit % w/w	0.19
THCA(Delta-9-Tetrahydrocannabinolic acid)			5.94
CBD (Cannabidiol)			0.20
CBDA (Cannabidiolic acid)			8.27
Total THC (THCA x 0.877 + THC)			5.40
Total CBD (CBDA x 0.877 + CBD)			7.45

This report relates only to the sample(s) and information provided to the laboratory.

Tolerance limits are provided by, and are the responsibility of, the Licensed Producer. Result of "pass" indicates that the test result meets the specified tolerance limit.



Bruce Phillips, Department Head
Organic Analytical Services, RPC



Troy Smith, Lab Supervisor
Organic Analytical Services, RPC



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Pesticide List (Reporting Limit in µg/g)

DDT and metabolites (0.1)	Alachlor (0.05)	Aldrin (0.05)	BHC-3 isomers (0.1)
Azinphos-ethyl (0.1)	Azinphos-methyl (0.1)	Bifenazate (0.2)	Bifenthrin (0.1)
Bromophos-ethyl (0.05)	Bromophos-methyl (0.05)	Bromopropylate (0.2)	cis-Chlordane (0.05)
trans-Chlordane (0.05)	Oxychlordane (0.05)	Chlorfenvinphos (0.5)	Chlorpyrifos-ethyl (0.1)
Chlorpyrifos-methyl (0.1)	Chlorthal-dimethyl (0.1)	Cyhalothrin (1)	Cyfluthrin (1)
Cypermethrin and isomers (1)	Diazinon (0.5)	Dieldrin (0.05)	Dimethoate / Omethoate (0.05)
Dithiocarbamates (2)	Endosulfan I (0.1)	Endosulfan II (0.1)	Endosulfan sulfate (0.2)
Endrin (0.05)	Ethion (0.1)	Etrimphos (0.1)	Fenchlorophos (0.1)
Fensulfothion and metab. (0.05)	Fenthion and metabolites (0.5)	Fenvalerate (1.5)	Flucythrinate (0.5)
Tau-Fluvalinate (0.5)	Fonophos (0.25)	Heptachlor (0.05)	Heptachlor Epoxide (0.05)
Malathion and Malaoxon (0.1)	Mecarbam (0.05)	Methamidiphos (0.05)	Methidathion (0.2)
Methoxychlor (0.1)	Monocrotophos (0.05)	Myclobutanil (0.01)	Parathion-ethyl (0.5)
Paraoxon-ethyl (0.5)	Pendimethalin (0.1)	Pentachloranisol (0.1)	Permethrin and isomers (1)
Phosalone (0.05)	Phosmet (0.05)	Piperonyl butoxide (0.05)	Primiphos-ethyl (0.05)
Primiphos-methyl (0.1)	Procymidone (0.1)	Profenophos (0.05)	Pyrethrins (3)
Quinalphos (0.1)	Quintozene (0.1)	S-421 (0.1)	Tecnazene (0.05)