



CERTIFICATE OF ANALYSIS

Client: The Hydrophocary
Client Sample ID: LOT372-BAG4885

Report ID: 285615

RPC Sample ID: 285615-1

Report Date: 31-Aug-2018

Matrix: Cannabis

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) USP40 <561>Method III	< 5 ng/g	Pass
Total Aflatoxins (sum of B1, B2, G1, G2)		< 10 ng/g	Pass
Cadmium	SOP 4.M26 / 4.M01 (Microwave Digestion ICP-MS) EPA 3051a / 200.8	< 1 mg/kg	Pass
Lead		< 5 mg/kg	Pass
Arsenic		< 0.2 mg/kg	Pass
Mercury	SOP 4.M52 / 4.M53 (Cold Vapour AAS) EPA 245.6	< 0.1 mg/kg	Pass
Pesticides	OAS-SV24 USP40 <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	0.62
THCA(Delta-9-Tetrahydrocannabinolic acid)			ND
CBD (Cannabidiol)			15.6
CBDA (Cannabidiolic acid)			0.40
Total THC (THCA x 0.877 + THC)			16.0
Total CBD (CBDA x 0.877 + CBD)			0.30

Terpene Profile	Method Reference	Tolerance Limit	Result
Alpha pinene	OAS-SV23 GC-MSD	No Tolerance Limit % w/w	< 0.01
Beta pinene			< 0.01
Myrcene			< 0.01
Limonene			< 0.01
Terpinolene			< 0.01
Linalool			< 0.01
Terpineol			< 0.01
Caryophyllene			< 0.01
Humulene			< 0.01

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 (0.01)	Bifenthrin (0.1)
Boscalid (0.02)	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 (0.6)	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)	Fluopyram (0.01)	Tau-Fluvalinate (0.5)
Fonophos (0.25)	Heptachlor (0.05)	Heptachlor Epoxide (0.05)	Imazalil (0.01)
Malathion and Malaaxon (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)	Pyraclostrobin (0.01)
Pyrethrins (3)	Quinalphos (0.1)	Quintozene (0.1)	S-421 (0.1)
Tebuconazole (0.01)	Tecnazene (0.05)		