



CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION



Sample Name: Iso - 5/17/18
Sample Matrix: Concentrate
Sample ID: 45123
Collected: 05/17/2018 10:50

CANNABINOID ANALYSIS

i Total THC, CBD and Cannabinoid value(s) have been decarboxylated.

TOTAL THC: ND (ND)
TOTAL CBD: 987 mg/g (98.7 %)
TOTAL CANNABINOIDS: 987 mg/g (98.7 %)

TEST TYPE RESULT: N/A
UNIT OF MEASUREMENT: Milligrams per Gram(mg/g)

ANALYTE	RESULT	LOD	LLOQ	STATUS	ANALYTE	RESULT	LOD	LLOQ	STATUS
D9THC	ND	0.5	1	N/A	D8THC	ND	0.5	1	N/A
THCa	ND	0.5	1	N/A	CBG	ND	0.5	1	N/A
CBN	ND	0.5	1	N/A	CBD	987 mg/g (98.7 %)	0.5	1	N/A
CBDa	ND	0.5	1	N/A	CBGa	ND	0.5	1	N/A
THCv	ND	0.5	1	N/A	CBC	ND	0.5	1	N/A
CBDv	ND	0.5	1	N/A					

ADDITIONAL INFORMATION

Method: SOP-TECH-001
Instrument: HPLC-DAD

Sample Prepped 05/18/2018 14:30
Sample Analyzed 05/18/2018 16:32

Sample Approved null





CERTIFICATE OF ANALYSIS

CHEMICAL RESIDUE ANALYSIS

TEST TYPE RESULT: **Pass**

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	STATUS	ANALYTE	RESULT	LOD	LLOQ	STATUS
Acephate	ND	0.0025	0.005	Pass	Acequinocyl	ND	0.005	0.025	Pass
Acetamiprid	ND	0.0025	0.01	Pass	Aldicarb	ND	0.0025	0.01	Pass
Azoxystrobin	ND	0.0025	0.01	Pass	Bifenazate	ND	0.0025	0.01	Pass
Bifenthrin	ND	0.005	0.025	Pass	Boscalid	ND	0.0025	0.01	Pass
Carbaryl	ND	0.0025	0.01	Pass	Carbofuran	ND	0.0025	0.01	Pass
Chlorantraniliprole	ND	0.003	0.025	Pass	Chlorfenapyr	ND	0.05	0.1	Pass
Chlorpyrifos	ND	0.0025	0.01	Pass	Clofentezine	ND	0.003	0.025	Pass
Cypermethrin	ND	0.01	0.05	Pass	Daminozide	ND	0.005	0.25	Pass
Dichlorvos	ND	0.005	0.05	Pass	Diazinon	ND	0.0025	0.01	Pass
Dimethoate	ND	0.0025	0.01	Pass	Ethoprophos	ND	0.0025	0.01	Pass
Etofenprox	ND	0.0025	0.01	Pass	Etoxazole	ND	0.0025	0.01	Pass
Fenoxycarb	ND	0.0025	0.01	Pass	Fenpyroximate	ND	0.0025	0.01	Pass
Fipronil	ND	0.025	0.2	Pass	Fonicamid	ND	0.005	0.025	Pass
Fludioxonil	ND	0.01	0.05	Pass	Hexythiazox	ND	0.0025	0.025	Pass
Imazalil	ND	0.005	0.025	Pass	Imidacloprid	ND	0.005	0.05	Pass
KresoximMethyl	ND	0.0025	0.01	Pass	Malathion	ND	0.0025	0.01	Pass
Metalaxyl	ND	0.0025	0.01	Pass	Methiocarb	ND	0.0025	0.01	Pass
Methomyl	ND	0.0025	0.01	Pass	MethylParathion	ND	0.1	0.5	Pass
Myclobutanil	ND	0.01	0.05	Pass	Naled	ND	0.0025	0.01	Pass
Oxamyl	ND	0.025	0.1	Pass	Paclobutrazol	ND	0.0025	0.01	Pass
Phosmet	ND	0.0025	0.01	Pass	PiperonylButoxide	ND	0.0025	0.01	Pass
Prallethrin	ND	0.01	0.05	Pass	Propoxur	ND	0.0025	0.01	Pass
Pyridaben	ND	0.0025	0.01	Pass	Spiromesifen	ND	0.0025	0.01	Pass
Spirotetramat	ND	0.0025	0.01	Pass	Spiroxamine	ND	0.025	0.01	Pass
Tebuconazole	ND	0.025	0.01	Pass	Thiacloprid	ND	0.0025	0.01	Pass
Thiamethoxam	ND	0.0025	0.01	Pass	Trifloxystrobin	ND	0.0025	0.01	Pass
Abamectin	ND	0.0127	0.0635	Pass	Cyfluthrin	ND	0.1	0.5	Pass
Permethrins	ND	0.0166	0.0685	Pass	Propiconazole	ND	0.005	0.025	Pass
Pyrethrins	ND	0.0144	0.0705	Pass	Spinosad	ND	0.0061	0.0244	Pass
Coumaphos	ND	0.0025	0.01	Pass	Fenhexamid	ND	0.005	0.05	Pass
Spinetoram	ND	0.003	0.01	Pass	Dimethomorph	ND	0.0025	0.01	Pass
Mevinphos	ND	0.002	0.01	Pass					

ADDITIONAL INFORMATION

Method: SOP-TECH-002
Instrument: UPLC-MSMS

Sample Prepped 05/18/2018 14:31
Sample Analyzed 05/18/2018 16:32

Sample Approved null





CERTIFICATE OF ANALYSIS

RESIDUAL SOLVENT ANALYSIS

TEST TYPE RESULT: **Pass**
UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	STATUS	ANALYTE	RESULT	LOD	LLOQ	STATUS
N-butane	ND	500	1000	Pass	Chloroform	ND	2.5	5	Pass
Acetone	ND	2.5	5	Pass	Methanol	ND	2.5	2.5	Pass
Ethanol	ND	500	1000	Pass	Isopropanol	ND	2.5	5	Pass
Toluene	ND	2.5	5	Pass	Pentane	ND	2.5	5	Pass
Hexane	ND	2.5	5	Pass	Heptane	138 ug/g	2.5	5	Pass
Ethyl Acetate	ND	2.5	5	Pass	Xylenes	ND	7.5	15	Pass
Propane	ND	500	1000	Pass	Acetonitrile	ND	2.5	5	Pass
Dichloromethane	ND	0	0	Pass	Ethyl Ether	ND	2.5	5	Pass

ADDITIONAL INFORMATION

Method: SOP-TECH-003
Instrument: HS-GC-FID

Sample Prepped 05/18/2018 14:32
Sample Analyzed 05/18/2018 16:32

Sample Approved null

This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. This report provides technical results for a specific sample and the report shall not be altered, modified, supplemented, or abstracted in any manner. Any violation of these conditions renders the report and its results void.

DATA REVIEWED AND APPROVED BY

Swetha Kaul, PhD
Chief Scientific Officer

