Certificate of Analysis

Sample Name:	Koi Natural CBD Isolate
Tested for:	Koi CBD
Sample ID:	170126R027
Date Submitted:	01/26/2017
Sample Type:	Concentrate

Total Sample Weight: 1 Gram

Cannabinoid Test Results

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

Cannabinoid Summary

Total THC	Δ9THC+THCa	0.00 %
Total Potential Δ9THC	0.00 mg/g	0.00 %
Total CBD	CBD+CBDa	99.38 %
Total Potential CBD	993.80 mg/g	99.38 %

Full Canabinoid Profile

THC	0.00 %
THCa	0.00 %
CBD	99.38 %
CBDa	0.00 %
CBN	0.00 %
CBDV	0.03 %
CBDVa	0.00 %
CBG	0.00 %
CBGa	0.00 %
THCV	0.00 %
Δ8 - THC	0.00 %
CBC	0.00 %
Total Active Cannabinoids:	99.41 %

Pesticide Test Results

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry

		Reporting Limit
Acequinocyl	Not Detected	1
Abamectin	Not Detected	0.25
Bifenezate	Not Detected	0.1
Daminozide	Not Detected	0.5
Fenoxycarb	Not Detected	0.1
Imidacloprid	Not Detected	0.2
Myclobutanil	Not Detected	0.1
Paclobutrazol	Not Detected	0.2
Pyrethrins	Not Detected	0.5
Spinosad	Not Detected	0.1
Spiromesifen	Not Detected	0.1
Spirotetramat	Not Detected	0.1

Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

Total Yeast and Mold	N/A	E. coli	N/A
Pseudomonas	N/A	Coliforms	N/A
Total Aerobic Plate Count	N/A	Salmonella	N/A

Terpene Test Results

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

	mg/g / %		mg/g / %
α Bisabolol	N/A	α Terpinene	N/A
α Pinene	N/A	Linalool	N/A
3 Carene	N/A	Limonene	N/A
Borneol	N/A	Myrcene	N/A
β Caryophyllene	N/A	Fenchol	N/A
Geraniol	N/A	α Phellandrene	N/A
α Humulene	N/A	Caryophyllene Oxide	N/A
Terpinolene	N/A	Terpineol	N/A
Valencene	N/A	β Pinene	N/A
Menthol	N/A	R-(+)-Pulegone	N/A
Nerolidol	N/A	Geranyl Acetate	N/A
Camphene	N/A	Citronellol	N/A
Eucalyptol	N/A	p-Cymene	N/A
α Cedrene	N/A	Ocimene	N/A
Camphor	N/A	Guaiol	N/A
(-)-Isopulegol	N/A	Phytol	N/A
Sabinene	N/A	Isoborneol	N/A
Total Terpene Concentration:	N/A		

Residual Solvent Test Results

Residual Solvent analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

Propane	ND	Ethanol	ND
Methanol	ND	Isopropanol	ND
Isobutane	ND	Mercaptan	ND
2,2-Dimethylbutane	ND	2-Methylpentane	ND
3-Methylpentane	ND	Cyclohexane + Benzene	ND
Isopentane	ND	Neopentane	ND
n Butane	ND	n Heptane	112 ppm
n Hexane	ND	n Pentane	ND

Sample Certification

Scan to verify at sclabs.com

Josh Wurzer, President