



CERTIFICATE OF ANALYSIS

NAME: Broad Spectrum PCR Extract
TYPE: THC-free Phytocannabinoid-Rich Hemp Extract
BATCH No: CONO19-53
Date of Manufacture: March 24, 2019
Date of Analysis: April 16, 2019
Total Active Cannabinoids per gram:
823.84 mg/g
TEST ID: 041619SA

POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	82.38	823.84
CBG	<0.03	<0.30
CBN	<0.03	<0.30
THC	ND	ND
CBC	<0.03	<0.30
THC-A	ND	ND
CBD-A	<0.03	<0.30
MAX THC	ND	ND
MAX CBD	82.38	823.84
TOTAL ACTIVE	82.38	823.84

ND=Not Detected using a validated high-performance liquid chromatography test method

TERPENE RESULTS:

	Wt. (%)		Wt. (%)
β -Bisabolene	1.0-3.0	Camphene	0.1-0.2
β -Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β -Maaliene	0.5-2.0	α -Bisabolol	<0.1
Calerene	0.5-1.5	P-Cymene	<0.1
β -Caryophyllene	0.1-1.0	Linalool	<0.1
α -Humulene	0.1-1.0	Myrcene	<0.1
Cadinene	0.1-1.0	Phytol	<0.1
α -Gurjunene	0.1-0.5	Isopulegol	<0.1
d-Limonene	0.1-0.5	Terpinene	<0.1
Nerolidol	0.1-0.5	Geraniol	<0.1
α -Pinene	0.1-0.5	Myrcene	<0.1
Aristolene	0.1-0.3	γ -Terpinene	<0.1
Eucalyptol	0.1-0.2	δ -3-Carene	<0.1

RESIDUAL SOLVENTS:

Propane	Compliant w/ USP <467>	Pentane	Compliant w/ USP <467>
Isobutane	Compliant w/ USP <467>	Isopropanol	Compliant w/ USP <467>
Butane	Compliant w/ USP <467>	Hexane	Compliant w/ USP <467>
Ethanol	Compliant w/ USP <467>	Acetone	Compliant w/ USP <467>

HEAVY METALS:

Cadmium	Compliant w/ USP<233>
Lead	Compliant w/ USP<233>
Arsenic	Compliant w/ USP<233>
Mercury	Compliant w/ USP<233>

PESTICIDES:

Acequinocyl	ND	Spinosad	ND
Pyrethrium	ND	Spirotetramat	ND
Spiromesifen	ND	Bifenazate	ND
Abamectin	ND	Fenoxycarb	ND
Imidacloprid	ND	Paclobutrazol	ND

ND=Not Detected at the Reporting Limit (RL)