



CERTIFICATE OF ANALYSIS

NAME: Water Soluble CBD Powder
 1,000mg
TYPE: THC-free Phytocannabinoid-Rich
 Water Soluble Powder
BATCH No: COWSPA19-17
Date of Manufacture: 10Apr2019
Date of Analysis: 11Apr2019
Total Active Cannabinoids per bottle:
1142.81mg
Total Weight: 5.22g
TEST ID: 041119ZM
 *PCR Extract Batch CONO19-35

POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	21.89	218.93
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	21.89	218.93
TOTAL ACTIVE	21.89	218.93

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)

*Terpenes, Residual Solvents, Heavy Metals & Pesticides are batch tested on raw PCR Extract prior to formulation.