



### CERTIFICATE OF QUALITY ASSURANCE

**PRODUCT NAME:** Energy and Recovery Drink Mix

**PRODUCT CODE:** ERDM-WSP- 20mg – TF-BU

**LOT NUMBER:** JP122619WSP1 (Sales Order# ZOG-001-DB-5 100g cannabinoids, total of 24,000g Powdered Drink Mix)

**Water Soluble Powder BATCH NUMBER:** COWSPA19-34

**DATE OF MANUFACTURE:** 21/Jan /2020

*Expiration date is 12 months under sealed conditions at room temperature.*

**ACTIVE INGREDIENT:** Broad Spectrum CBD Oil, 0.0% THC

**INACTIVE INGREDIENTS:** Beta Carotene, Ascorbic Acid, Cholecalciferol, D-Alpha Tocopheryl Acetate, Phytonadione, Thiamine HCL, Riboflavin, Niacinamide, Pyridoxine HCL, Methylcobalamin, Calcium-D Pantothenate, Amino Acid Chelate, Potassium Chloride, Green Grown Vegan Glucosamine, N-Acetyl-L-Glutamine, L-Arginine-L-Pyroglutamate, Tyrosine, Taurine, L-Theanine, Bromelain, Aloe Vera Leaf Powder, Acetyl-L-Carnitine, Beta-Alanine, Asian Ginseng Root Powder, Maca Root Powder, Caffeine (120mg per serving), Glycine, Yohimbe Bark Extract, Leucine, Isoleucine, Valine, Dextrin, Acacia Gum, Sunflower Lecithin, Vitamin E.

Attributes	Acceptance Criteria	Results	Test Method
Appearance	Fine, Light Pink Powder	Conforms	QCU002
Color	Light Pink	Conforms	QCU002
Cannabinoid Content	20 mg Cannabidiol per 4.8 g powder ( $\pm$ relative 25%) 0.0% THC	20 mg Cannabidiol per 4.8 g powder ( $\pm$ relative 25%) 0.0% THC	QCU001/QAU005
Microbial Testing	Total Aerobic Count <2000 CFU/g, Total Yeast & Mold <200 CFU/g	Conforms	USP<2021>

Package	Acceptance Criteria	Results
Primary Package	Container dedusted and wiped clean Container caps screwed on tight	Conforms
Secondary Package	Carton Sturdy and clean Sufficient cushion material exists Carton taped on all sides	Conforms

**Storage:** Room Temperature, Protected from Heat, Protect from Light and Protect from Moisture.

Prepared by: Daniela Goodwin Inspection Control, Folium Biosciences

Reviewed by: \_Sean Pratt Fulfillment, Folium Biosciences

This product is not intended to diagnose, treat, cure, or prevent any disease and has not been evaluated by the FDA.



## CERTIFICATE OF INTERNAL ANALYSIS

**TYPE:** Phytocannabinoid-Rich Water Soluble Powder

**BATCH No:** COWSPA19-34

**Date of Manufacture:** 28Jun2019

**Date of Analysis:** 28Jun2019

### POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	20.92	209.17
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
CBDV	0.20	1.98
CBDV-A	0.04	0.39
THCV	ND**	ND**
MAX THC	ND**	ND**
MAX CBD	20.92	209.17
TOTAL ACTIVE	21.15	211.49

### Residual Solvents\*:

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

### Heavy Metals\*:

Cadmium	Compliant with USP<233>
Lead	Compliant with USP<233>
Arsenic	Compliant with USP<233>
Mercury	Compliant with USP<233>

### TERPENE RESULTS\*:

	Wt. (%)		Wt. (%)
$\beta$ -Bisabolene	< 0.1	Camphene	< 0.1
$\beta$ -Farnesene	< 0.1	E-Farnesene	< 0.1
Guaiol	< 0.1	Farnesol	< 0.1
$\beta$ -Maaliene	< 0.1	$\alpha$ -Bisabolol	< 0.1
Calarene	< 0.1	P-Cymene	< 0.1
$\beta$ -Caryophyllene	< 0.1	Linalool	< 0.1
$\alpha$ -Humulene	< 0.1	Myrcene	< 0.1
Cadinene	< 0.1	Phytol	< 0.1
$\alpha$ -Gurjunene	< 0.1	Isopulegol	< 0.1
d-Limonene	< 0.1	Terpinene	< 0.1
Nerolidol	< 0.1	Geraniol	< 0.1
$\alpha$ -Pinene	< 0.1	Myrcene	< 0.1
Aristolene	< 0.1	$\gamma$ -Terpinene	< 0.1
Eucalyptol	< 0.1	$\delta$ -3-Carene	< 0.1

### Pesticides\*:

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

Test ID: 062819ZM

\*Batches are sent out regularly for testing, not all batches tested

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

\*\*\* Pesticides are tested by a third party lab, ND = Not Detected at the Reporting Limit (RL)

### Batch Release:

Chemist: Zosha McKinney

*Zosha McKinney* 01Jul2019

Manager: Ashley Orosco

*Ashley Orosco* 01Jul2019

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*2meJul2019*