



## CERTIFICATE OF ANALYSIS

**(1) Botanacor**

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**(2) Innovatical**

5555 W. Brooks St.

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Phone: 909-230-6210

**PRODUCT NAME:** THC-Free Phytocannabinoid-Rich Gummies

**ACTIVE INGREDIENTS:** THC-Free Phytocannabinoid-Rich Hemp Oil. Total Active CBD per gram of gummy: 2.50 mg

**INACTIVE INGREDIENTS:** Corn Syrup, Refined Sugar, Pectin, Sodium Citrate, Glycerin Fatty Acid Ester, Lecithin, D-Sorbitol Solution, Gelatin, Citric Acid, Natural Lemon Flavor, Natural Grape Flavor, Natural Orange Flavor, Safflower Lemon Extract, Violet (Beet) Color, Carotino Color, Lemon Concentration, Red Grape Concentrate, Orange Juice Concentrate

Product Code	Lot Number	Oil Batch Number	Date of Manufacture	Date of Analysis
GU-NO-10mg	GO060619GU3	050720	05/07/2019	05/21/2019

Attributes	Acceptance Criteria	Results	Test Method
Appearance	Dome shaped gummies	Conforms	QCU002
Odor	Characteristic	Conforms	QCU002
Color	Multi-color	Conforms	QCU002
Cannabinoid Content	2.5mg ( $\pm 10\%$ ) total CBD per gram of gummy. THC - Not Detected	2.50 mg total CBD per gram of gummy, THC - Not Detected	QCU001

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, Protect from Light and Protect from Moisture

*Expiration date is 18 months under sealed conditions at room temperature*

**POTENCY RESULTS:**

Cannabinoid	Wt. (%)	(mg/g)
CBD	0.24	2.35
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	<0.03	<0.30
THCV	ND**	ND**
MAX THC	ND**	ND**
MAX CBD	0.24	2.35
TOTAL ACTIVE	0.24	2.35

**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>

Test ID: 305190, 304990 tested by PhytaTech

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

\*\*ND = Not Detected using a validated high-performance liquid chromatography test method, LOD = 0.03%

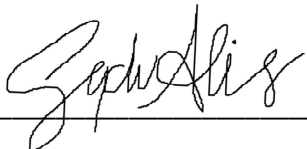
\*\*\*Pesticides are tested by a third party lab, ND = Not Detected at the Reporting Limit (RL)

\*\*\*\*Microbial analysis performed by a third party lab, None detected reported because the presence of microbiological organisms was not detected using qPCR (STEC and Salmonella)

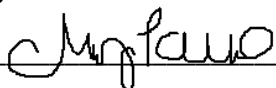
or plating (total yeast and mold) techniques.

**Batch Release:**

Chemist: Sophia Alires



Manager: Ashley Orosco


**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	1.0-3.0	Camphene	0.1-0.2
$\beta$ -Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
$\beta$ -Maaliene	0.5-2.0	$\alpha$ -Bisabolol	< 0.1
Calarene	0.5-1.5	P-Cymene	< 0.1
$\beta$ -Caryophyllene	0.1-1.0	Linalool	< 0.1
$\alpha$ -Humulene	0.1-1.0	Myrcene	< 0.1
Cadinene	0.1-1.0	Phytol	< 0.1
$\alpha$ -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
$\alpha$ -Pinene	0.1-0.5	Myrcene	< 0.1
Aristolene	0.1-0.3	$\gamma$ -Terpinene	< 0.1
Eucalyptol	0.1-0.2	$\delta$ -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**