



CERTIFICATE OF ANALYSIS

(1) Botanacor

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(2) Innovatical

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PRODUCT NAME: THC-Free Phytocannabinoid-Rich Vape

ACTIVE INGREDIENTS: THC-Free Phytocannabinoid-Rich Hemp Oil

INACTIVE INGREDIENTS: Medium Chain Triglycerides (MCT oil), Peppermint Oil, Lemon Oil, Orange Oil

Product Code	Lot Number	Oil Batch Number	Date of Manufacture	Date of Analysis
VM-NO-250mg-MI-MCT-BR-1oz	DR052319V1	CONO19-66	05/05/2019	05/07/2019
VM-NO-250mg-CI-MCT-BR-1oz	DR052319V2	CONO19-66	05/05/2019	05/07/2019
VM-NO-500mg-MI-MCT-BR-1oz	DR052319V3	CONO19-66	05/05/2019	05/07/2019

Attributes	Acceptance Criteria	Results	Test Method	
Appearance	Thin Oil	Conforms	QCU002	
Odor	Characteristic	Conforms	QCU002	
Color	Clear to Light Yellow	Conforms	QCU002	
Cannabinoid Content	95 – 110% of target concentration, THC Not Detected	DR052319V1	QCU001	
		DR052319V2		250 mg total Phytocannabinoids per 1 oz, THC Not Detected
		DR052319V3		500 mg total Phytocannabinoids per 1 oz, THC Not Detected

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	85.22	852.24
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	1.14	11.38
THCV	ND**	ND**
MAX THC	ND**	ND**
MAX CBD	85.22	852.24
TOTAL ACTIVE	86.36	863.62

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: 050619SA

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

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

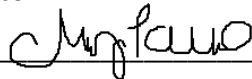
***Pesticides are tested by a third party lab, ND = Not Detected at the Reporting Limit (RL)

Batch Release:

Chemist: Lena Johnson



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. (%)
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
Calarene	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

PESTICIDES*:

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