



CERTIFICATE OF ANALYSIS

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PRODUCT NAME: THC-Free Phytocannabinoid-Rich Salve (for External Use Only)

ACTIVE INGREDIENTS: THC-Free Phytocannabinoid-Rich Hemp Oil

INACTIVE INGREDIENTS: Medium Chain Triglycerides (MCT oil), Beeswax, Lavender Oil, Eucalyptus Oil

Product Code	Lot Number	Oil Batch Number	Date of Manufacture	Date of Analysis
SA-NO-500mg-PPR-1oz	MRV031219SA1	CONO19-31	03/03/2019	03/04/2019
SA-NO-500mg-PPR-2oz	JP052219SA1	CONO19-52	03/24/2019	04/16/2019
SA-NO-1,000mg-PPR-1oz	JP041219SA1	CONO19-48	03/25/2019	03/27/2019
SA-NO-1,000mg-PPR-2oz	DR050319SA5	CONO19-52	03/24/2019	04/16/2019
SA-NO-2,000mg-PPR-2oz	MRV040519SA1	CONO19-48	03/25/2019	03/27/2019

Attributes	Acceptance Criteria	Results		Test Method
Appearance	Semi-solid Paste	Conforms		QCU002
Odor	Characteristic	Conforms		QCU002
Color	Cream to Light Brown	Conforms		QCU002
Total Cannabinoid Content	95 – 110% of target concentration, THC Not Detected	MRV031219SA1	500 mg total Phytocannabinoids per 1 oz, THC Not Detected	QCU001
		JP052219SA1	500 mg total Phytocannabinoids per 2 oz, THC Not Detected	
		JP041219SA1	1,000 mg total Phytocannabinoids per 1 oz, THC Not Detected	
		DR050319SA5	1,000 mg total Phytocannabinoids per 2 oz, THC Not Detected	
		MRV040519SA1	2,000 mg total Phytocannabinoids per 2 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

POTENCY RESULTS:

Cannabinoid	Wt. (%)		(mg/g)	
	CBD	CONO19-31	86.22	CONO19-31
CONO19-52		82.19	CONO19-52	821.93
CONO19-48		84.37	CONO19-48	843.71
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	CONO19-31	86.22	CONO19-31	862.17
	CONO19-52	82.19	CONO19-52	821.93
	CONO19-48	84.37	CONO19-48	843.71
TOTAL ACTIVE	CONO19-31	86.22	CONO19-31	862.17
	CONO19-52	82.19	CONO19-52	821.93
	CONO19-48	84.37	CONO19-48	843.71

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: 030519ZM (CONO19-31)
041519SA, 041619SA (CONO19-52)
032719SA (CONO19-48)

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**	Paclobutrazol	ND**

*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)

Note: For salves purchased in a bulk container, heat salve to 70° C and homogenize before filling into smaller containers. Due to the density of this product, salves are filled to 27 grams per 1 oz jar and 52 grams per 2 oz jar

Storage: Room Temperature, Protect from Light

Expiration date is 18 months under sealed conditions at room temperature

Batch Release:

Chemist: Sophia Aires



Manager: Kathryn Sears

