

Certificate of Quality Assurance

PRODUCT NAME: Salve, 2 oz.

PRODUCT STRENGTH: 1000 mg

LOT NUMBER: B2OZ1000-408

OIL BATCH NUMBER: CONO19-06

DATE OF MANUFACTURE: 1/31/2019

Expiration date is 18 months under sealed conditions.

DATE OF ANALYSIS: 1/31/2019

ACTIVE INGREDIENT: Phytocannabinoid-Rich Hemp Oil

INACTIVE INGREDIENTS: MCT, Beeswax, Lavender Essential Oil, Eucalyptus Essential Oil

JOYTM

ORGANICS

Physical Attributes of Raw Hemp Oil

Attribute	Acceptance Criteria	Result
Appearance	Viscous Dark Amber Oil Possible Crystal Formation	Conforms
Aroma	Characteristic Hemp Aroma	Conforms
Dissolution	Not Cloudy or Turbid, Characteristic Color	Conforms
Microbial Testing	Total Aerobic Count <2000 cfu/g Total Yeast and Mold <2000 cfu/g	Conforms

Potency of Raw Hemp Oil

Cannabinoid	Weight %
CBD	92.12
CBG	<0.03
CBN	<0.03
THC	ND
CBC	<0.03
THC-A	ND
CBD-A	<0.03

Pesticides*

Compound	Result	Compound	Result
Acequinocil	ND	Spinosad	ND
Pyrethrium	ND	Spirotetramat	ND
Spiromesifin	ND	Bifenazate	ND
Abamectin	ND	Fenoxycarb	ND
Imidacloprid	ND	Paclobutrazol	ND

Terpene Results*

Compound	Weight %	Compound	Weight %
β -Bisabolene	1.0-3.0	Camphene	0.1-0.2
β -Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Gualol	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

Residual Solvents*

Solvent	Weight %
Acetone	Compliant with USP<467>
Butane	Compliant with USP<467>
Ethanol	Compliant with USP<467>
Hexane	Compliant with USP<467>
Isobutane	Compliant with USP<467>
Isopropanol	Compliant with USP<467>
Pentane	Compliant with USP<467>

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ORGANICS

Heavy Metals*

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

Analysis Results for Finished Product

Attribute	Acceptance Criteria	Result
Appearance	White to Light Yellow Solid at Room Temperature	Conforms
Aroma	Characteristic Lavender and Eucalyptus Aroma	Conforms
Cannabidiol Content	95 to 110% of Label Claim	Conforms
THC Content	None Detected	Conforms

* Results based on testing of multiple batches of hemp oil raw material.

Certified by:



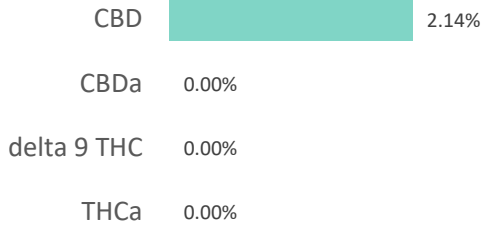
Matthew Plenert, Ph.D
Head Chemist and Quality Manager

5-29-19

Date

Salve 2 ounce

Batch ID:	B2OZ1000 408	Test ID:	6717939.004
Reported:	9-May-2019	Method:	TM14
Type:	Topical		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	75.79	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	37.86	0.00	0.0
Cannabidiolic acid (CBDA)	54.42	0.00	0.0
Cannabidiol (CBD)	30.41	1213.60	21.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	41.48	0.00	0.0
Cannabinolic Acid (CBNA)	103.96	0.00	0.0
Cannabinol (CBN)	46.06	0.00	0.0
Cannabigerolic acid (CBGA)	66.25	0.00	0.0
Cannabigerol (CBG)	37.33	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	65.06	0.00	0.0
Tetrahydrocannabivarin (THCV)	33.80	0.00	0.0
Cannabidivarinic Acid (CBDVA)	50.58	0.00	0.0
Cannabidivarin (CBDV)	27.69	0.00	0.0
Cannabichromenic Acid (CBCA)	56.83	0.00	0.0
Cannabichromene (CBC)	68.47	0.00	0.0
Total Cannabinoids		1213.60	21.40
Total Potential THC**		0.00	0.00
Total Potential CBD**		1213.60	21.40

NOTES:


of Servings = 1, Sample Weight=56.7g

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$
FINAL APPROVAL


Sam Smith
 9-May-2019
 9:36 AM
 PREPARED BY / DATE


David Green
 9-May-2019
 10:17 AM
 APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

Cannabinoids Potency/Homogeneity and Contaminant Analysis Report

Sample Name: MyCBDTest.com/B2OZ1000-408
 Sample Type: Topical, Salve, Other
 Sample ID: 1902AU0199.02389
 Batch ID:
 METRC Tag: 1A4000712681366000000766

MyCBDTest.com
 1306 Blue Spruce Dr Unit B
 Fort Collins, CO 80524
 (925) 567-7159
 Lic. #403H-75142.2

Sample Photo



Units per Package:

Unit Type: 2 oz

THC Homogeneity

Number of Samples Tested	1
THC Homogeneity	Not Tested

Microbial Contaminants

Analyte	Limit	Amount	Status
	CFU/g	CFU/g	
STEC	1	<1	Pass
Salmonella	1	<1	Pass
Yeast & Mold	10000	<100	Pass

Final Approval

Test Status

Results Approved By:
 Lucas Mason, M.S.
 Lab Director

Results Analyzed By:
 Amy Spencer, PhD
 Senior Microbiologist

THC Content	Not Tested
THC Homogeneity	Not Tested
Microbial Contaminants	Pass

Received: 02/25/2019

Tested: 02/26/2019

Reported: 03/01/2019

Definitions: LOQ= Limit of Quantitation, ND = Not Detected, CFU/g = Colony Forming Units per Gram

This product has been tested by Aurum Labs using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Aurum Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Aurum Labs.



Aurum Labs
 789 Tech Center Drive, Unit C
 Durango, CO
 (970) 422-1867
 www.aurum-labs.com



Sample: 1902AU0199.02389

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Contaminant Analysis Report

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Pesticide Analysis Results

Analyte	LOQ	Limit	Amount	Status
	PPB	PPB	PPB	
Abamectin	40.0	70.0	ND	Pass
Azoxystrobin	10.0	20.0	ND	Pass
Bifenazate	20.0	20.0	ND	Pass
Etoazole	10.0	10.0	ND	Pass
Imazalil	40.0	40.0	ND	Pass
Imidacloprid	10.0	20.0	ND	Pass
Malathion	40.0	50.0	ND	Pass
Myclobutanil	10.0	40.0	ND	Pass
Permethrin	10.0	40.0	ND	Pass
Spinosad	40.0	60.0	ND	Pass
Spiromesifen	30.0	30.0	ND	Pass
Spirotetramat	10.0	30.0	ND	Pass
Tebuconazole	10.0	20.0	ND	Pass



Final Approval

Test Status



Results Approved By:
 Lucas Mason, M.S.
 Lab Director



Results Analyzed By:
 Amy Spencer, PhD
 Senior Microbiologist

Pesticide Analysis Results

Pass

Received: 02/25/2019

Tested: 02/26/2019

Reported: 03/01/2019

Definitions: LOQ = Limit of Quantitation, ND = Not Detected, NT = Not Tested, PPM = Parts per Million

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