



CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product	CBD Oil + Recovery 40 vcaps
Product Number	13404 (BLK9214)
Batch	20117187
Batch Size	8,500 units
Date of Manufacture	09/06/2019
Expiration Date	09/30/2021
QC Inspection Lot(s)	4104319, 89009311, 89008915, 1055797
Category	Dietary Supplement

COMPONENT LOT TRACEABILITY

Component Part	Component Description	Batch	Supplier Batch
BLK9214	CBD Oil + Recovery Bulk	20116252	N/A
RM20.420	Hemp Oil Powder	20114165	AFPME18J23-1M
RM46.033	Theracurmin® CR-033P	20109731	181113-03
RM77.200	Magnesium Stearate	20110092	MGST9H2067
RM27.020	Silicon Dioxide	20112442	5210197205
RM75.200	Microcrystalline Cellulose (MCC)	20113468	195010322
CAP0CLRVEG	Capsule Size 0 Clear Veg	20116326	9041494
BTL150SQPCR	150cc Square PCR HDPE Bottle	20117456	41446
		20117610	41447
		20117609	41446
BTL45CRCHI	CAP45MM White CRC Ribbed	20116300	144689/45A
LG13404.02	CBD Oil + Recovery 40 vcaps Label	20118033	13404-101199

CERTIFICATIONS

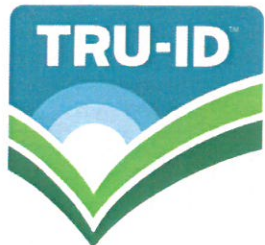
TRU-ID Certified



CERTIFICATE OF ANALYSIS

TEST RESULTS

Test	Specification	Result	Method	Testing Lab
Identification	Conforms	Conforms	HPTLC	Nature's Way
TRU-ID DNA Identification	Conforms to <i>Cannabis sativa</i>	Conforms	DNA	University of Guelph
Appearance	Dark yellow to orange, capsule	Conforms	Physical	Nature's Way
Odor	Conforms to Standard	Conforms	Physical	Nature's Way
Total Cannabinoids	≥ 5.00 mg/cap	5.88 mg/cap	HPLC	Alkemist
Cannabidiol (CBD)	≥ 5.00 mg/cap	5.88 mg/cap	HPLC	Alkemist
Tetrahydrocannabinol (THC)	No Detect	No Detect	HPLC	Alkemist
Curcumin	>90 mg/cap	94.40 mg/cap	HPLC	Nature's Way
Arsenic	< 11.85 ppm	< 0.02 ppm	ICP-MS	Nature's Way
Cadmium	< 4.84 ppm	< 0.01 ppm	ICP-MS	Nature's Way
Mercury	< 0.35 ppm	< 0.01 ppm	ICP-MS	Nature's Way
Lead	< 0.59 ppm	0.01 ppm	ICP-MS	Nature's Way
Residual Solvents	Conforms to USP <467>	Conforms	GC	Nature's Way
Pesticides	No Detect	No Detect	GC, LC/MS/MS	Eurofins
Aflatoxin (B1)	< 5 ppb	< 0.1 ppb	IAC-LC-FLD	Eurofins
Aflatoxin (Total)	< 20 ppb	< 0.4 ppb	IAC-LC-FLD	Eurofins
<i>Escherichia coli</i>	Negative	Negative	USP <2022>	Nature's Way
<i>Salmonella</i>	Negative	Negative	VIDAS SLM	Nature's Way
Aerobic Plate Count	< 10 ⁴ CFU/g	Conforms	USP <2021>	Nature's Way
<i>Staphylococcus aureus</i>	< 10 CFU/g	Conforms	FDA BAM	Nature's Way
Yeast & Mold	< 10 ³ CFU/g	Conforms	USP <2021>	Nature's Way



Certificate of Authentication

Certificate of Authentication Number (COA): P001.1-NW02702019

Client: **Natures Way (NW) Products Inc**

Audit date: 2019-7-2

Auditor(s): **Dr. Steven Newmaster (Chief Science Officer, TRU-ID Ltd.)**

Report generated: 2019-7-23

NW Lot #: 89008915

NW Part Code/Material #: RM20.420

NW SNA Batch #: 050319.01

Molecular Diagnostic Test:

DNA concentration will be assessed using a Qubit Fluorometer in addition to the TRU-ID DNA authentication test using TRU-ID mini-sequence analysis technology. Molecular diagnostics in this test used Sanger sequencing of standardized DNA sequences for plants. Samples were analyzed against the TRU-ID Plant DNA sequence library.

Authenticated:

The submitted sample name, and its molecular patterns agree with molecular patterns and sample names of TRU-ID reference material and Plant DNA sequence library.

TEST RESULTS:

Certificate of Authentication Numbers (COA): P001.1-NW02702019

Product Name: Hemp Oil Powder

Latin Binomial: *Cannabis sativa*

Molecular Diagnostic Test Result: Positive

TRU-ID Certification Standard: Verified Compliant

The results and conclusions presented in this report are true and accurate to the best of TRU-ID's knowledge. However, the advanced molecular diagnostics employed can very rarely give rise to inconclusive, or incongruent results, and in such cases corroboration of this result by repeat testing, or different analytical methods may be warranted. This report should not be copied or reproduced, except in its entirety.

✓TR
7/26/19

✓BUB
07/29/19

CERTIFICATE OF ANALYSIS

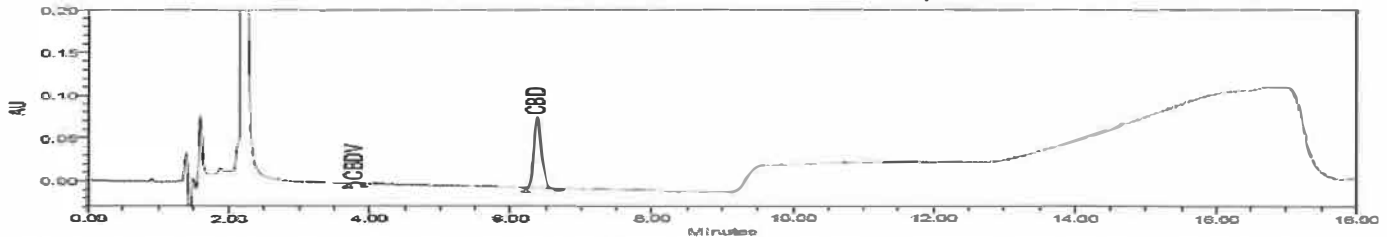


12661 HOOVER STREET GARDEN GROVE, CA 92841 | P. 714-754-4372 | F. 714-668-9972 | WWW.ALKEMIST.COM

Report Issued To: Nature's Way
1375 N. Mountain Springs PKWY
Springville UT 84663

Sample Name: Mat: BLK9214; Desc.: Hemp Oil Recovery Caps AIM, Bat: 20116252
Description: Capsule powder; Orange powder in clear capsules
Lot #: 89009311
AL #: 19260PMQ_1
Analysis ID: 124841
Received: 09/17/19

Determination of Cannabinoids Content by HPLC



Ret. Time (min)	Compound Name	Prep 1 (%)	Prep 2 (%)	Average (%)	Average (mg/capsule)	Specification	Result
3.8	Cannabidivarin (CBDV)	BLOQ	BLOQ	BLOQ	BLOQ	N/A	N/A
4.8	Cannabidivarinic Acid (CBDVA)	ND	ND	ND	ND	N/A	N/A
6.4	Cannabidiol (CBD)	1.236	1.247	1.241	5.884	NLT 5 mg/cap	Pass
6.9	Cannabigerol (CBG)	ND	ND	ND	ND	N/A	N/A
7.3	Tetrahydrocannabidivarin (THCV)	ND	ND	ND	ND	N/A	N/A
8.1	Cannabidiolic Acid (CBDA)	ND	ND	ND	ND	N/A	N/A
10.3	Cannabigerolic Acid (CBGA)	ND	ND	ND	ND	N/A	N/A
10.6	Cannabinol (CBN)	ND	ND	ND	ND	N/A	N/A
11.9	Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	ND	ND	ND	ND	NMT 0.3%	N/A
12.5	Δ^8 -Tetrahydrocannabinol (Δ^8 -THC)	ND	ND	ND	ND	N/A	N/A
14.1	Cannabichromene (CBC)	ND	ND	ND	ND	N/A	N/A
15.3	Δ^9 -Tetrahydrocannabinolic Acid A (THCA-A)	ND	ND	ND	ND	N/A	N/A
Total phytocannabinoids		1.236	1.247	1.241	5.884	NLT 5 mg/cap	Pass

Chromatographic Conditions:

Method: ATM-815-0300
Column: AP253 Kinetex 2.6 μ m C18 100A (150 x 4.6 mm)
Temperature: 30°C
Flow Rate: 1 mL/min
Injection Volume: 5 μ L
UV Detection: 228 nm
Mobile Phase: 0.1% Formic Acid in Water
0.1% Formic Acid in Methanol:Acetonitrile (75:25)
HPLC Instrument: Alliance_1

Sample Preparation:

Transferred 125 mg to 25 mL volumetric flask and filled to volume with methanol. Vortexed 30 seconds, sonicated 15 minutes at room temperature. Filtered through 0.2 μ m PTFE syringe filter and transferred to HPLC vials for analysis.

Report Summary:

Conclusion: This "Mat: BLK9214; Desc.: Hemp Oil Recovery Caps AIM, Bat: 20116252" test sample contains 6 mg CBD/capsule. THC was not detected.

OOS Reference: N/A

Fill weight: 474.12 mg

Note: ND = Not Detected; BLOQ = Below Limit of Quantification
 Δ^9 -THC Limit of Detection = 0.0222%

Notebook Reference: LC130 p. 160



Digitally signed by Colin Gray
DN: cn=Colin Gray,
email=colin@alkemist.com,
c=US
Date: 2019.09.27 17:04:12
-07'00'
Adobe Acrobat version:
2019.012.20040

Analysis Date : 09/18/19

Analyzed By: C Deneuve

Authorized By: Colin Gray,
Lead Analytical Chemist

This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. This report is for the exclusive use of the party who requested the report and not for public dissemination or use by third parties, including for promotional purposes, without the prior written permission of Alkemist Labs. This report provides technical results for a specific sample and the report shall not be altered, modified, supplemented or abstracted in any manner. Any violation of these conditions renders the report and its results void



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Issue date 09.11.2018

Analytical report AR-18-ST-096922-01



Sample code 720-2018-00163901

Type of sample	VOHO-AFPme18J23-1 M
Sample sender	Redacted
Prescriber	Redacted
Purchase order date	23.10.2018
Reception date	26.10.2018
Transport by	courier
Sample condition	unreservedly
Date of sampling	23.10.2018
Sample taken by	customer
Type of sampling	in a way that guarantees its representativeness
Purpose of the testing	technological sample
Number of tested samples	1
Start analysis	29.10.2018
End Analysis	09.11.2018

Results

JCAF2	Aflatoxins B1, B2, G1, G2 (fats, oils, lecithin, egg powder) (A)		
Method	EN 14123, mod., IAC-LC-FLD		
Subcontracted to the accredited Eurofins laboratory Eurofins WEJ Contaminants GmbH (Hamburg), accreditation nr. D-PL-14602-01-00			
Aflatoxin B1	<0.1	*	µg/kg
Aflatoxin B2	<0.1	*	µg/kg
Aflatoxin G1	<0.1	*	µg/kg
Aflatoxin G2	<0.1	*	µg/kg
Sum of all positive Aflatoxins	<0.4	*	µg/kg
SP424	Organophosphorus Pesticides (A)		
Method	ASU L 00.00-34:2010-09, GC-FPD		
Subcontracted to the accredited Eurofins laboratory Eurofins Dr. Specht Laboratorien (Hamburg), accreditation nr. D-PL-14198-01-00			
Screened pesticides	Not Detected		
SPGG4	Glyphosate/AMPA/Glufosinate (A)		
Method	Internal Method P-14.158-6, LC-MS/MS		
Subcontracted to the accredited Eurofins laboratory Eurofins Dr. Specht Laboratorien (Hamburg), accreditation nr. D-PL-14198-01-00			
Glufosinate	< 0.01		mg/kg
Glyphosate	< 0.01		mg/kg
Aminomethylphosphonic acid (AMPA)	< 0.01		mg/kg
SZQAA	Mercury (Hg) (A)		
Method	LS-PP-CH-30, Spectrophotometry		
Subcontracted to the accredited Eurofins laboratory Eurofins Bel/Novamann (Turčianske), accreditation nr. S-106			
Mercury (Hg)	<0.02		mg/kg
SZQD1	Arsenic (As) (A)		
Method	LS-PP-CH-85, ICP-MS		

Subcontracted to the accredited Eurofins laboratory Eurofins Bel/Novamann (Turčianske), accreditation nr. S-106

Arsenic (As)		<0.030	mg/kg
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SZQD3 Cadmium (Cd) (A)
Method LS-PP-CH-85, ICP-MS

Subcontracted to the accredited Eurofins laboratory Eurofins Bel/Novamann (Turčianske), accreditation nr. S-106

Cadmium (Cd)		<0.010	mg/kg
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SZQD4 Lead (Pb) (A)
Method LS-PP-CH-85, ICP-MS

Subcontracted to the accredited Eurofins laboratory Eurofins Bel/Novamann (Turčianske), accreditation nr. S-106

Lead (Pb)		<0.050	mg/kg
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* = less than the limit of quantification

A = Method accredited

+/- Uncertainty of result presented as expanded uncertainty of measurement (95%; k=2). The uncertainty does not include the sampling. The result and its uncertainty refer to the analyzed sample.

JUDGEMENT

The results of the above mentioned analyses are in accordance with the requirements of regulation (EC) 396/2005 (regulation on maximum residue levels in food and feed) in its currently valid version.

Approved by: Michal Matysiewicz
Analytical Service Manager

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AB 1334

Issue date 09.11.2018

Analytical report AR-18-ST-096923-01



Sample code 720-2018-00163901

Type of sample	VOHO-AFPme18J23-1 M
Sample sender	Redacted
Prescriber	Redacted
Purchase order date	23.10.2018
Reception date	26.10.2018
Transport by	courier
Sample condition	acceptable
Date of sampling	23.10.2018
Sample taken by	customer
Type of sampling	guaranteeing its representativeness
Client sample code	VOHO-AFPme18J23-1M
Partie-no.	VOHO-AFPme18J23-1M
Packaging	plastic bottle
Number of tested samples	1
Start analysis	29.10.2018
End Analysis	09.11.2018

Results

UM0V2	Escherichia coli E <10 >1500 /g (1) TBX Agar-P ISO 16649-2 (A)		
Method	PN-ISO 16649-2:2004		
Escherichia coli		< 10	cfu/g
UM273	Aerobic Plate Count 30°C E <10 >30 000 /g (1-2) PCA Agar-P ISO 4833-1 (A)		
Method	PN-EN ISO 4833-1:2013-12		
Aerobic Plate Count 30°C		< 10	cfu/g
UM2PF	Salmonella D Abs Pres /25 g ISO 6579 (A)		
Method	PN-EN ISO 6579-1:2017-04		
Salmonella		Not Detected	/25 g
UMHAG	Yeast-Mould E <10 >150000 /g (1-2) DG 18 Agar-S ISO 21527-2 (A)		
Method	PN-ISO 21527-2:2009		
Moulds		< 10	cfu/g
Yeast		< 10	cfu/g
UMHMH	Spore-forming Anaerob. Sulphite Reduc. Bact. 37°C E <10 >1500 /g (1) TSC Agar-P ISO 15213 (#)		
Method	PN ISO 15213:2005		
Spore-forming Anaerob. Sulphite Reduc. Bact. 37°C		< 10	cfu/g
UMKME	Coliforms 30°C E <1 >150 /ML (0) VRBL-P ISO 4832 (A)		
Method	PN-ISO 4832:2007		
Coliforms 30°C		< 10	cfu/ml
UMY2C	Listeria Monocytogenes E <10 >4500 /g (1) OAA Agar-S ISO 11290-2 A1 (A)		
Method	PN-EN ISO 11290-2:2017-07		
Listeria Monocytogenes		< 10	cfu/g

= Not accredited
A = Method accredited

Marczuk

Sawanienski

Authorized by: Danuta Marczuk
Older Assistant – Microbiology Department

Approved by: Rafal Sawanienski
Analytical Service Manager

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