

Certificate of Analysis

CBD Industries

10130 Perimeter Pkwy
Charlotte North Carolina 28216

Sample Name:	Curcumin CBD Capsule	Eurofins Sample:	11617060
Project ID	CBD_INDUST-20220405-0037	Receipt Date	04-Apr-2022
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	CECC6	Login Date	04-Apr-2022
Sample Serving Size	469 mg	Date Started	05-Apr-2022
		Sampled	Sample results apply as received

Analysis	Result
Industrial Hemp Cannabinoid Profile	
CBDVA	None detected at detection limit of 0.0004 %
CBDV	0.0220 %
CBDA	None detected at detection limit of 0.0004 %
CBGA	None detected at detection limit of 0.0004 %
CBG	0.131 %
CBD	5.84 %
THCV	None detected at detection limit of 0.0008 %
CBN	0.0773 %
Delta 9-THC	<0.00250 %
Delta 8-THC	None detected at detection limit of 0.0017 %
THCA	None detected at detection limit of 0.0017 %
CBC	None detected at detection limit of 0.0008 %
THCVA	None detected at detection limit of 0.0004 %
CBNA	None detected at detection limit of 0.0004 %
CBCA	None detected at detection limit of 0.0017 %
CBL	None detected at detection limit of 0.0004 %
Total Cannabinoids	6.07 %
Total THC (THC + (THCA x 0.877))	<0.00250 %
Total CBD (CBD + (CBDA x 0.877))	5.84 %
Determination of Piperine by UPLC *	
Piperine	12.4 mg/Serving Size
Determination of Total Curcuminoids in Turmeric Products by UPLC	
Curcumin	429000 mcg/g

* This analysis or component is not ISO accredited.

Printed: 08-Apr-2022 3:31 pm

Page 1 of 3

Certificate of Analysis

CBD Industries

10130 Perimeter Pkwy
Charlotte North Carolina 28216

Sample Name:	Curcumin CBD Capsule	Eurofins Sample:	11617060
Project ID	CBD_INDUST-20220405-0037	Receipt Date	04-Apr-2022
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	CECC6	Login Date	04-Apr-2022
Sample Serving Size	469 mg	Date Started	05-Apr-2022
		Sampled	Sample results apply as received

Analysis	Result
Determination of Total Curcuminoids in Turmeric Products by UPLC	
Desmethoxy Curcumin	74200 mcg/g
Bis-Desmethoxy Curcumin	29000 mcg/g
Total Curcuminoids	250 mg/Serving Size

Method References	Testing Location
-------------------	------------------

Determination of Piperine by UPLC (OC_PIPER_S)	Food Integrity Innovation-Brea 2951 Saturn Street, Unit C Brea, CA 92821 USA
---	--

Internally Developed Method

Determination of Total Curcuminoids in Turmeric Products by UPLC (OC_CURC_S)	Food Integrity Innovation-Brea 2951 Saturn Street, Unit C Brea, CA 92821 USA
---	--

USP (Modified)

Industrial Hemp Cannabinoid Profile (IHCBD_S)	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
--	--

Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).

Certificate of Analysis

CBD Industries

10130 Perimeter Pkwy
Charlotte North Carolina 28216

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Brea

Clint Throop - Manager

Eurofins Food Chemistry Testing US, Inc.
2951 Saturn Street
Unit C
Brea CA 92821
800-675-8375



2918.07

Food Integrity Innovation-Madison

Edward Ladwig - President Eurofins Food
Chemistry Testing Madison

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375



2918.01

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.

Certificate of Analysis

CBD Industries

10130 Perimeter Pkwy
Charlotte North Carolina 28216

Sample Name:	Curcumin Capule	Eurofins Sample:	11617059
Project ID	CBD_INDUST-20220405-0036	Receipt Date	04-Apr-2022
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	CECC6	Login Date	04-Apr-2022
		Date Started	05-Apr-2022
		Sampled	Sample results apply as received
		Number Composited	20

Analysis	Result
Chlormequat and Mepiquat in Hemp and Hemp-Based Products *	
Chlormequat	<0.0100 mg/100g
Mepiquat	<0.0100 mg/100g
Elements by ICP Mass Spectrometry	
Arsenic	51.5 ppb
Cadmium	<5.00 ppb
Lead	19.2 ppb
Mercury	<5.00 ppb

Analysis	Limit	Result	Pass/Fail
Mycotoxins in Raw Materials			
Aflatoxin B1		<0.500 ppb	
Aflatoxin B2		<0.500 ppb	
Aflatoxin G1		<0.500 ppb	
Aflatoxin G2		<0.500 ppb	
Ochratoxin A	20 ppb	<1.00 ppb	Pass
Sum of B1 B2 G1 and G2	20 ppb	<2.00 ppb	Pass
Residual Solvent Analysis in Cannabis and Hemp Matrices			
1,2-Dichloroethane		<1.0 ppm	
2-Propanol		<500 ppm	
Acetone		<200 ppm	
Acetonitrile		<200 ppm	
Benzene		<1.0 ppm	
Chloroform		<1.0 ppm	
Ethanol		<500 ppm	
Ethyl Acetate		646 ppm	
Ethyl Ether		<500 ppm	
Ethylene Oxide		<25.0 ppm	
Methanol		<500 ppm	
Methylene Chloride		<1.0 ppm	
n-Hexane		<30.0 ppm	

* This analysis or component is not ISO accredited.

Printed: 19-Apr-2022 2:22 am

Page 1 of 7

Certificate of Analysis

CBD Industries

10130 Perimeter Pkwy
Charlotte North Carolina 28216

Sample Name:	Curcumin Capule	Eurofins Sample:	11617059
Project ID	CBD_INDUST-20220405-0036	Receipt Date	04-Apr-2022
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	CECC6	Login Date	04-Apr-2022
		Date Started	05-Apr-2022
		Sampled	Sample results apply as received
		Number Compositing	20

Analysis	Limit	Result	Pass/Fail
Residual Solvent Analysis in Cannabis and Hemp Matrices			
Propane		<1000 ppm	
Toluene		<90.0 ppm	
Trichloroethylene		<1.0 ppm	
Summed Group 1 (Butanes)			
Isobutane (2-Methylpropane)		<500 ppm	
n-Butane		<500 ppm	
Sum of Butanes		<1000 ppm	
Summed Group 2 (Heptanes)			
2,2,3-Trimethylbutane		<50.0 ppm	
2,2-Dimethylpentane		<50.0 ppm	
2,3-Dimethylpentane		<50.0 ppm	
2,4-Dimethylpentane		<50.0 ppm	
2-Methylhexane		<50.0 ppm	
3,3-Dimethylpentane		<50.0 ppm	
3-Ethylpentane		<50.0 ppm	
3-Methylhexane		<50.0 ppm	
n-Heptane		<50.0 ppm	
Sum of Heptanes		<450 ppm	
Summed Group 3 (Petroleum Ether)			
2,2-Dimethylbutane		<25.0 ppm	
2,3-Dimethylbutane		<25.0 ppm	
2-Methylpentane		<25.0 ppm	
3-Methylpentane		<25.0 ppm	
n-Pentane		<25.0 ppm	
Sum of Petroleum Ether		<125 ppm	
Summed Group 4 (Xylenes)			
Xylenes-1 (Ethylbenzene)		<40.0 ppm	
Xylenes-2 (m- p-Xylene)		<140 ppm	
Xylenes-3 (o-Xylene)		<20.0 ppm	

* This analysis or component is not ISO accredited.

Printed: 19-Apr-2022 2:22 am

Page 2 of 7

Certificate of Analysis

CBD Industries

10130 Perimeter Pkwy
Charlotte North Carolina 28216

Sample Name:	Curcumin Capule	Eurofins Sample:	11617059
Project ID	CBD_INDUST-20220405-0036	Receipt Date	04-Apr-2022
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	CECC6	Login Date	04-Apr-2022
		Date Started	05-Apr-2022
		Sampled	Sample results apply as received
		Number Compositied	20

Analysis	Limit	Result	Pass/Fail
----------	-------	--------	-----------

Residual Solvent Analysis in Cannabis and Hemp Matrices

Sum of Xylenes <200 ppm

Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminozide

Daminozide 0.1 ppm <0.10 ppm Pass

Fenhexamid 10 mg/kg non-analyzable

The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.

Multi-Residue Analysis for hemp products - Florida Administrative Code Rule 5K-4.034

Abamectin 0.3 ppm <0.30 ppm Pass

Acephate 3.0 ppm <0.10 ppm Pass

Acequinocyl 2.0 ppm <1.0 ppm Pass

Acetamiprid 3 mg/kg <0.10 ppm Pass

Aldicarb 0.1 mg/kg <0.10 ppm Pass

Azoxystrobin 3 mg/kg <0.10 ppm Pass

Bifenazate 3 mg/kg <0.10 ppm Pass

Bifenthrin 0.5 mg/kg <0.10 ppm Pass

Boscalid 3 mg/kg <0.10 ppm Pass

Captan (as THPI) 3 mg/kg <0.20 ppm Pass

Carbaryl 0.5 mg/kg <0.10 ppm Pass

Carbofuran 0.1 mg/kg <0.10 ppm Pass

Chlorantraniliprole 3 mg/kg <0.10 ppm Pass

Chlordane, cis- 0.1 mg/kg <0.10 ppm Pass

Chlordane, trans- 0.1 mg/kg <0.10 ppm Pass

Chlorfenapyr 0.1 mg/kg <0.10 ppm Pass

Chlorpyrifos 0.1 mg/kg <0.10 ppm Pass

Clofentezine 0.5 mg/kg <0.10 ppm Pass

Coumaphos 0.1 mg/kg <0.10 ppm Pass

Cyfluthrin 1 mg/kg <0.10 ppm Pass

Cypermethrin 1 mg/kg <0.10 ppm Pass

* This analysis or component is not ISO accredited.

Printed: 19-Apr-2022 2:22 am

Page 3 of 7

Certificate of Analysis

CBD Industries

10130 Perimeter Pkwy
Charlotte North Carolina 28216

Sample Name:	Curcumin Capule	Eurofins Sample:	11617059
Project ID	CBD_INDUST-20220405-0036	Receipt Date	04-Apr-2022
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	CECC6	Login Date	04-Apr-2022
		Date Started	05-Apr-2022
		Sampled	Sample results apply as received
		Number Compositd	20

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - Florida Administrative Code Rule 5K-4.034			
Diazinon	0.2 mg/kg	<0.10 ppm	Pass
Dichlorvos	0.1 mg/kg	<0.10 ppm	Pass
Dimethoate	0.1 mg/kg	<0.10 ppm	Pass
Dimethomorph (E- and Z-isomers)	3 mg/kg	<0.10 ppm	Pass
Ethoprophos (Ethoprop)	0.1 mg/kg	<0.10 ppm	Pass
Etofenprox	0.1 mg/kg	<0.10 ppm	Pass
Etoxazole	1.5 mg/kg	<0.10 ppm	Pass
Fenoxycarb	0.1 mg/kg	<0.10 ppm	Pass
Fenpyroximate	2 mg/kg	<0.10 ppm	Pass
Fipronil	0.1 mg/kg	<0.10 ppm	Pass
Flonicamid	2 mg/kg	<0.10 ppm	Pass
Fludioxonil	3 mg/kg	<0.10 ppm	Pass
Hexythiazox	2 mg/kg	<0.10 ppm	Pass
Imazalil	0.1 mg/kg	<0.10 ppm	Pass
Imidacloprid	3 mg/kg	<0.10 ppm	Pass
Kresoxim-methyl	1 mg/kg	<0.10 ppm	Pass
Malathion	2 mg/kg	<0.10 ppm	Pass
Metalaxyl	3 mg/kg	<0.10 ppm	Pass
Methiocarb	0.1 mg/kg	<0.10 ppm	Pass
Methomyl	0.1 mg/kg	<0.10 ppm	Pass
Mevinphos (E- and Z-isomers)	0.1 mg/kg	<0.10 ppm	Pass
Myclobutanil	3 mg/kg	<0.10 ppm	Pass
Naled (Dibrom)	0.5 mg/kg	<0.10 ppm	Pass
Oxamyl	0.5 mg/kg	<0.10 ppm	Pass
Paclobutrazol	0.1 mg/kg	<0.10 ppm	Pass
Parathion-methyl	0.1 mg/kg	<0.10 ppm	Pass
Permethrin (sum of isomers)	1 mg/kg	<0.10 ppm	Pass
Phosmet	0.2 mg/kg	<0.10 ppm	Pass
Piperonyl butoxide	3 mg/kg	<0.10 ppm	Pass

* This analysis or component is not ISO accredited.

Printed: 19-Apr-2022 2:22 am

Page 4 of 7

Certificate of Analysis

CBD Industries

10130 Perimeter Pkwy
Charlotte North Carolina 28216

Sample Name:	Curcumin Capule	Eurofins Sample:	11617059
Project ID	CBD_INDUST-20220405-0036	Receipt Date	04-Apr-2022
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	CECC6	Login Date	04-Apr-2022
		Date Started	05-Apr-2022
		Sampled	Sample results apply as received
		Number Compositated	20

Analysis	Limit	Result	Pass/Fail
----------	-------	--------	-----------

Multi-Residue Analysis for hemp products - Florida Administrative Code Rule 5K-4.034

Prallethrin	0.4 mg/kg	<1.0 ppm	Pass
Propiconazole (sum of isomers)	1 mg/kg	<0.10 ppm	Pass
Propoxur	0.1 mg/kg	<0.10 ppm	Pass
Pyrethrum (total)	1 mg/kg	<1.0 ppm	Pass
Pyridaben	3 mg/kg	<0.10 ppm	Pass
Quintozene	0.2 mg/kg	<0.10 ppm	Pass
Spinetoram (spinosyns J and L)	3 mg/kg	<0.10 ppm	Pass
Spinosad (spinosyns A and D)	3 mg/kg	<0.10 ppm	Pass
Spiromesifen	3 mg/kg	<0.10 ppm	Pass
Spirotetramat	3 mg/kg	<0.10 ppm	Pass
Spiroxamine (2 diastereoisomers)	0.1 mg/kg	<0.10 ppm	Pass
Tebuconazole	1 mg/kg	<0.10 ppm	Pass
Thiacloprid	0.1 mg/kg	<0.10 ppm	Pass
Thiamethoxam	1 mg/kg	<0.10 ppm	Pass
Trifloxystrobin	3 mg/kg	<0.10 ppm	Pass

The Pass/Fail reporting designations are relative to the limits set for by Florida Administrative Code Rule 5K-4.034

Prallethrin reporting limit is higher than Florida action level, but EPA tolerance is 1 ppm.

Method References

Testing Location

Chlormequat and Mepiquat in Hemp and Hemp-Based Products (PS_QUAT_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Eurofins Developed Method

* This analysis or component is not ISO accredited.

Printed: 19-Apr-2022 2:22 am

Page 5 of 7

Certificate of Analysis

CBD Industries

10130 Perimeter Pkwy
Charlotte North Carolina 28216

Method References

Testing Location

Elements by ICP Mass Spectrometry (ICP_MS_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Method 2011.19 and 993.14, AOAC INTERNATIONAL, (Modified).
Paquette, L.H., Szabo, A., Thompson, J.J., "Simultaneous Determination of Chromium, Selenium, and Molybdenum in Nutritional Products by Inductively Coupled Plasma/Mass Spectrometry: Single-Laboratory Validation," Journal of AOAC International, 94(4): 1240 - 1252 (2011).

Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside (PEST_HEMP)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

Multi-Residue Analysis for hemp products - Florida Administrative Code Rule 5K-4.034 (PEST_HEMP)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

Mycotoxins in Raw Materials (MYCO_REG_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Varga, E., Glauner, T., Koppen, R., Mayer, K., Sulyok, M., Schumacher, R., Krska, R. and Berthiller, F., "Stable isotope dilution assay for the accurate determination of mycotoxins in maize by UHPLC-MS/MS," Analytical and BioAnalytical Chemistry, 402:2675-2686 (2012).

Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Internally Developed Method

* This analysis or component is not ISO accredited.

Printed: 19-Apr-2022 2:22 am

Page 6 of 7

Certificate of Analysis

CBD Industries

10130 Perimeter Pkwy
Charlotte North Carolina 28216

Testing Location(s)**Released on Behalf of Eurofins by****Food Integrity Innovation-Madison**

Edward Ladwig - President Eurofins Food
Chemistry Testing Madison

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375



2918.01

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.



1945 S Fremont Drive
Salt Lake City, Utah 84104
Phone: 801.973.8824
www.dyadlabs.com

Certificate Of Analysis

CBD Industries
10130 Perimeter Way
Charlotte North Carolina 28216

Analytical Testing Results

Customer Lot CECC6
Description Curcumin Capsules

Method ^ USP <2022>/GL-423
Analysis
E. coli

Method ^ USP <2022>/GL-461
Analysis
Salmonella

Method ^ AOAC 2014.05/GL-451
Analysis
Yeasts and Molds

Method ^ USP <2021>/GL-411
Analysis
Aerobic Plate Count

Certificate ID 172284
Report Date 12-09-2021
Customer PO
Receipt Date 12-03-2021
Test Completion Date 12-06-2021

Previous Certificate ID 172283

Lab Sample ID 647823
Serving Size N/A

Test Type E. coli		
Specification Negative	Result Negative	U/M

Test Type Salmonella		
Specification Negative	Result Negative	U/M

Test Type Yeasts and Molds		
Specification <= 100	Result <100	U/M cfu/g

Test Type Aerobic Plate Count		
Specification <= 1000	Result <100	U/M cfu/g



1945 S. Fremont Drive
Salt Lake City, Utah 84104
Phone: 801.973.8824
www.dyadlabs.com

Laboratory Comments:

Certificate ID#: 172284

Reviewed By: Talya Powell

Approved By: _____

Edgar Grigorian, VP of Technical Affairs
On Behalf of Dyad Labs

Laboratory Notes:

Samples were received in acceptable condition unless otherwise noted in the laboratory comments section. This report may not be distributed or reproduced except in full, without written permission from Dyad Labs. Client shall not at any time misrepresent or alter the contents of this report. Any violation of these conditions voids this report. Dyad Labs assumes no responsibility, and client hereby waives all claims against Dyad Labs, for interpretation of such results. The results apply only to the sample(s) provided by the client. All work is done in accordance with Dyad Labs Terms and Conditions of Sale. Full text available on www.dyadlabs.com/Terms. ISO/IEC 17025:2017 accreditation # 71216, certificate # L21-39. The validity of this accreditation certificate should be confirmed through the PJLA website: www.pjllabs.com

Result Symbol Definitions:

^ = ISO 17025 certified method

* = Analysis performed at a subcontract location

Supplement to Test Report
Additional Pages: N/A