

Factory 6

758 S. Automall Dr, Suite 8
American Fork Utah 84003



Sample Name:	Curcumin Capsule	Eurofins Sample:	11229634
Project ID	FACTORY_6-20211208-0017	Receipt Date	09-Dec-2021
PO Number	cvd	Receipt Condition	Ambient temperature
Lot Number	CECC6	Login Date	08-Dec-2021
Sample Serving Size	1 Caplet	Date Started	15-Dec-2021
		Sampled	Sample results apply as received
		Online Order	18797-167376B2

Analysis	Result
Calculated Sample Weight *	
Entity Weight	0.6322 g
Entity Fill Weight	0.5250 g
Determination of Piperine by UPLC *	
Piperine	15.8 mg/Serving Size
Determination of Total Curcuminoids in Turmeric Products by UPLC	
Curcumin	239 mg/Serving Size
Desmethoxy Curcumin	42.0 mg/Serving Size
Bis-Desmethoxy Curcumin	17.3 mg/Serving Size
Total Curcuminoids	298 mg/Serving Size

Method References **Testing Location**

Calculated Sample Weight (PREP_BREA)	Food Integrity Innovation-Brea 2951 Saturn Street, Unit C Brea, CA 92821 USA
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)	

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

* This analysis or component is not ISO accredited.

Factory 6

758 S. Automall Dr, Suite 8
American Fork Utah 84003



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.



Factory 6

758 S. Automall Dr, Suite 8
American Fork Utah 84003

Sample Name:	Curcumin CBD Capsules	Eurofins Sample:	11168337
Project ID	FACTORY_6-20211118-0014	Receipt Date	22-Nov-2021
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	CECC6	Login Date	18-Nov-2021
Sample Serving Size	469 mg	Date Started	22-Nov-2021
		Sampled	Sample results apply as received
		Online Order	18797-16595018

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	27.4 mg/Serving Size
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

* This analysis or component is not ISO accredited.



Factory 6

758 S. Automall Dr, Suite 8
American Fork Utah 84003

Sample Name:	Curcumin CBD Capsules	Eurofins Sample:	11168337
Project ID	FACTORY_6-20211118-0014	Receipt Date	22-Nov-2021
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	CECC6	Login Date	18-Nov-2021
Sample Serving Size	469 mg	Date Started	22-Nov-2021
		Sampled	Sample results apply as received
		Online Order	18797-16595018

Analysis

Result

Determination of Total Curcuminoids in Turmeric Products by UPLC

Curcumin	429000 mcg/g
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).

* This analysis or component is not ISO accredited.

Printed: 07-Dec-2021 12:31 pm

Page 2 of 3

Factory 6

758 S. Automall Dr, Suite 8
American Fork Utah 84003



Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Brea

Robert Grahn - 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.



Factory 6

758 S. Automall Dr, Suite 8
American Fork Utah 84003

Sample Name:	Curcumin Capsule	Eurofins Sample:	11214571
Project ID	FACTORY_6-20211203-0015	Receipt Date	04-Dec-2021
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	CECC6	Login Date	03-Dec-2021
		Date Started	08-Dec-2021
		Sampled	Sample results apply as received
		Number Composited	20
		Online Order	18797-166CDCE4

Analysis	Result
Chlormequat and Mepiquat in Hemp and Hemp-Based Products *	
Chlormequat	<100 mcg/kg
Mepiquat	<100 mcg/kg
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		>20.0 ppm	
n-Hexane		<30.0 ppm	

* This analysis or component is not ISO accredited.



Factory 6

758 S. Automall Dr, Suite 8
American Fork Utah 84003

Sample Name:	Curcumin Capsule	Eurofins Sample:	11214571
Project ID	FACTORY_6-20211203-0015	Receipt Date	04-Dec-2021
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	CECC6	Login Date	03-Dec-2021
		Date Started	08-Dec-2021
		Sampled	Sample results apply as received
		Number Compositated	20
		Online Order	18797-166CDCE4

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	
Sum of Xylenes		<200 ppm	

* This analysis or component is not ISO accredited.



Factory 6

758 S. Automall Dr, Suite 8
American Fork Utah 84003

Sample Name:	Curcumin Capsule	Eurofins Sample:	11214571
Project ID	FACTORY_6-20211203-0015	Receipt Date	04-Dec-2021
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	CECC6	Login Date	03-Dec-2021
		Date Started	08-Dec-2021
		Sampled	Sample results apply as received
		Number Compositied	20
		Online Order	18797-166CDCE4

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside			
Daminozide	0.1 mg/kg	<0.10 mg/kg	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 mg/kg	<0.30 mg/kg	Pass
Acephate	3 mg/kg	<0.10 mg/kg	Pass
Acequinocyl	2 mg/kg	<1.0 mg/kg	Pass
Acetamiprid	3 mg/kg	<0.10 mg/kg	Pass
Aldicarb	0.1 mg/kg	<0.10 mg/kg	Pass
Azoxystrobin	3 mg/kg	<0.10 mg/kg	Pass
Bifenazate	3 mg/kg	<0.10 mg/kg	Pass
Bifenthrin	0.5 mg/kg	<0.10 mg/kg	Pass
Boscalid	3 mg/kg	<0.10 mg/kg	Pass
Captan (as THPI)	3 mg/kg	<0.20 mg/kg	Pass
Carbaryl	0.5 mg/kg	<0.10 mg/kg	Pass
Carbofuran	0.1 mg/kg	<0.10 mg/kg	Pass
Chlorantraniliprole	3 mg/kg	<0.10 mg/kg	Pass
Chlordane, cis-	0.1 mg/kg	<0.10 mg/kg	Pass
Chlordane, trans-	0.1 mg/kg	<0.10 mg/kg	Pass
Chlorfenapyr	0.1 mg/kg	<0.10 mg/kg	Pass
Chlorpyrifos	0.1 mg/kg	<0.10 mg/kg	Pass
Clofentezine	0.5 mg/kg	<0.10 mg/kg	Pass
Coumaphos	0.1 mg/kg	<0.10 mg/kg	Pass
Cyfluthrin	1 mg/kg	<0.10 mg/kg	Pass
Cypermethrin	1 mg/kg	<0.10 mg/kg	Pass
Diazinon	0.2 mg/kg	<0.10 mg/kg	Pass
Dichlorvos	0.1 mg/kg	<0.10 mg/kg	Pass

* This analysis or component is not ISO accredited.



Factory 6

758 S. Automall Dr, Suite 8
American Fork Utah 84003

Sample Name:	Curcumin Capsule	Eurofins Sample:	11214571
Project ID	FACTORY_6-20211203-0015	Receipt Date	04-Dec-2021
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	CECC6	Login Date	03-Dec-2021
		Date Started	08-Dec-2021
		Sampled	Sample results apply as received
		Number Composited	20
		Online Order	18797-166CDCE4

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - Florida Administrative Code Rule 5K-4.034			
Dimethoate	0.1 mg/kg	<0.10 mg/kg	Pass
Dimethomorph (E- and Z-isomers)	3 mg/kg	<0.10 mg/kg	Pass
Ethoprophos (Ethoprop)	0.1 mg/kg	<0.10 mg/kg	Pass
Etofenprox	0.1 mg/kg	<0.10 mg/kg	Pass
Etoxazole	1.5 mg/kg	<0.10 mg/kg	Pass
Fenoxycarb	0.1 mg/kg	<0.10 mg/kg	Pass
Fenpyroximate	2 mg/kg	<0.10 mg/kg	Pass
Fipronil	0.1 mg/kg	<0.10 mg/kg	Pass
Fonicamid	2 mg/kg	<0.10 mg/kg	Pass
Fludioxonil	3 mg/kg	<0.10 mg/kg	Pass
Hexythiazox	2 mg/kg	<0.10 mg/kg	Pass
Imazalil	0.1 mg/kg	<0.10 mg/kg	Pass
Imidacloprid	3 mg/kg	<0.10 mg/kg	Pass
Kresoxim-methyl	1 mg/kg	<0.10 mg/kg	Pass
Malathion	2 mg/kg	<0.10 mg/kg	Pass
Metalaxyl	3 mg/kg	<0.10 mg/kg	Pass
Methiocarb	0.1 mg/kg	<0.10 mg/kg	Pass
Methomyl	0.1 mg/kg	<0.10 mg/kg	Pass
Mevinphos (E- and Z-isomers)	0.1 mg/kg	<0.10 mg/kg	Pass
Myclobutanil	3 mg/kg	<0.10 mg/kg	Pass
Naled (Dibrom)	0.5 mg/kg	<0.10 mg/kg	Pass
Oxamyl	0.5 mg/kg	<0.10 mg/kg	Pass
Paclobutrazol	0.1 mg/kg	<0.10 mg/kg	Pass
Parathion-methyl	0.1 mg/kg	<0.10 mg/kg	Pass
Permethrin (sum of isomers)	1 mg/kg	<0.10 mg/kg	Pass
Phosmet	0.2 mg/kg	<0.10 mg/kg	Pass
Piperonyl butoxide	3 mg/kg	<0.10 mg/kg	Pass
Prallethrin	0.4 mg/kg	<1.0 mg/kg	Pass
Propiconazole (sum of isomers)	1 mg/kg	<0.10 mg/kg	Pass

* This analysis or component is not ISO accredited.

Factory 6

758 S. Automall Dr, Suite 8
American Fork Utah 84003



Sample Name:	Curcumin Capsule	Eurofins Sample:	11214571
Project ID	FACTORY_6-20211203-0015	Receipt Date	04-Dec-2021
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	CECC6	Login Date	03-Dec-2021
		Date Started	08-Dec-2021
		Sampled	Sample results apply as received
		Number Compositated	20
		Online Order	18797-166CDCE4

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - Florida Administrative Code Rule 5K-4.034			
Propoxur	0.1 mg/kg	<0.10 mg/kg	Pass
Pyrethrum (total)	1 mg/kg	<1.0 mg/kg	Pass
Pyridaben	3 mg/kg	<0.10 mg/kg	Pass
Quintozene	0.2 mg/kg	<0.10 mg/kg	Pass
Spinetoram (spinosyns J and L)	3 mg/kg	<0.10 mg/kg	Pass
Spinosad (spinosyns A and D)	3 mg/kg	<0.10 mg/kg	Pass
Spiromesifen	3 mg/kg	<0.10 mg/kg	Pass
Spirotetramat	3 mg/kg	<0.10 mg/kg	Pass
Spiroxamine (2 diastereoisomers)	0.1 mg/kg	<0.10 mg/kg	Pass
Tebuconazole	1 mg/kg	<0.10 mg/kg	Pass
Thiacloprid	0.1 mg/kg	<0.10 mg/kg	Pass
Thiamethoxam	1 mg/kg	<0.10 mg/kg	Pass
Trifloxystrobin	3 mg/kg	<0.10 mg/kg	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.

Factory 6

758 S. Automall Dr, Suite 8
American Fork Utah 84003



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: 16-Dec-2021 5:21 pm

Page 6 of 7

Factory 6

758 S. Automall Dr, Suite 8
American Fork Utah 84003



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.