

Certificate of Analysis

Vidya Herbs, Inc.

1412 E Valencia Dr.
Fullerton California 92831

Sample Name:	Turmeric Extract 95percent (Powder)	Eurofins Sample:	9626081
Project ID	VIDYAHERBS-20200623-0008	Receipt Date	23-Jun-2020
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	23-Jun-2020
Description	VH_CUR_F20-0245	Date Started	24-Jun-2020
		Sampled	Sample results apply as received

Analysis	Result
Determination of Total Curcuminoids in Turmeric Products by UPLC *	
Curcumin	83.2 %
Desmethoxy Curcumin	14.0 %
Bis-Desmethoxy Curcumin	1.09 %
Total Curcuminoids	98.3 %
Aerobic Plate Count *	
Aerobic Plate Count	<100 CFU/g
E. coli *	
Escherichia Coli	Absent /10 g
Pseudomonas aeruginosa USP *	
Pseudomonas Aeruginosa	Absent /1 g
Salmonella USP *	
Salmonella	Absent /10 g
Staphylococcus *	
Staphylococcus Aureus	Absent /10 g
Yeast and Mold Count *	
Yeast Count	<10 CFU/g
Mold Count	<10 CFU/g
Elements by ICP Mass Spectrometry	
Arsenic	<0.0100 ppm
Cadmium	<0.00500 ppm
Lead	0.0118 ppm
Mercury	<0.00500 ppm
Coliform Count *	
Coliform Plate Count	<10 CFU/g

Method References	Testing Location
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Aerobic Plate Count (USPC2021)

Food Integ. Innovation-Madison NE
2102 Wright Street Madison, WI 53704 USA

* This analysis or component is not ISO accredited.

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Method References

Testing Location

Aerobic Plate Count (USPC2021)

Food Integ. Innovation-Madison NE
2102 Wright Street Madison, WI 53704 USA

USP Current revision, Chapter 2021.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, the detection limit stipulated is adequate for the enumeration of the specified microorganisms.

Coliform Count (COLIPC)

Food Integ. Innovation-Madison NE
2102 Wright Street Madison, WI 53704 USA

Compendium of Methods for the Microbiological Examination of Foods: Enterobacteriaceae, Coliforms, and Escherichia coli as Quality and Safety Indicators, Chapter 8, 4th Edition, 2001.

Determination of Total Curcuminoids in Turmeric Products by UPLC (OC_CURC_S)

USP (Modified)

Food Integrity Innovation-Brea
2951 Saturn Street, Unit C Brea, CA 92821 USA

E. coli (USPE2022)

Food Integ. Innovation-Madison NE
2102 Wright Street Madison, WI 53704 USA

USP Current revision, Chapter 2022.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, conditions stipulated are adequate for detecting the presence of the specified microorganism.

Elements by ICP Mass Spectrometry (ICP_MS_S)

Food Integrity Innovation-Madison
3301 Kinsman Blvd 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).

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Method References

Testing Location

Pseudomonas aeruginosa USP (USPU_62)

Food Integ. Innovation-Madison NE

2102 Wright Street Madison, WI 53704 USA

USP Current Revision, Chapter 62.

To satisfy the requirements of the USP, the Suitability of Test Method must be completed on each matrix.

**Based on the suitability of the test method results, conditions stipulated are adequate for detecting the presence of the specified microorganism.

Salmonella USP (USPS2022)

Food Integ. Innovation-Madison NE

2102 Wright Street Madison, WI 53704 USA

USP Current revision, Chapter 2022.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, conditions stipulated are adequate for detecting the presence of the specified microorganism.

Staphylococcus (USPA2022)

Food Integ. Innovation-Madison NE

2102 Wright Street Madison, WI 53704 USA

USP Current revision, Chapter 2022.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, conditions stipulated are adequate for detecting the presence of the specified microorganism.

Yeast and Mold Count (USPM2021)

Food Integ. Innovation-Madison NE

2102 Wright Street Madison, WI 53704 USA

USP Current revision, Chapter 2021.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, the detection limit stipulated is adequate for the enumeration of the specified microorganisms.

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Fullerton California 92831

Testing Location(s)

Released on Behalf of Eurofins by

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Food Integrity Innovation-Madison

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