

CERTIFICATE OF ANALYSIS



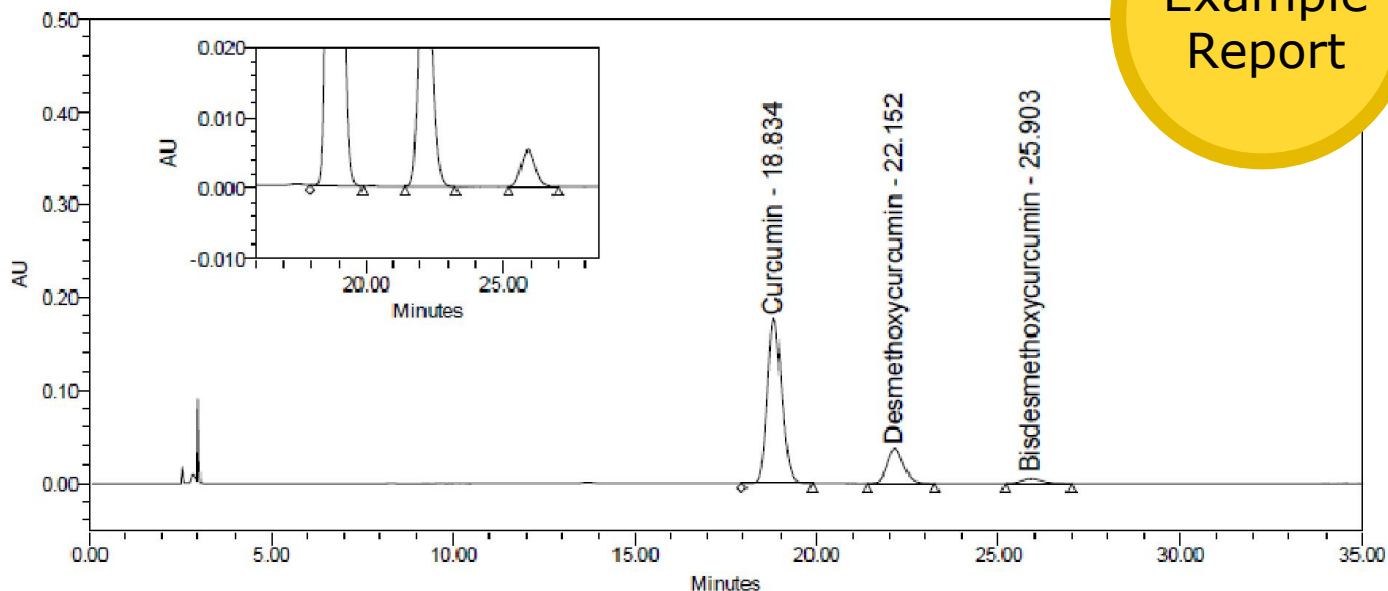
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Report Issued To: Dietary Supplement Company
1234 Main Street
Los Angeles, CA 90000
USA

Sample Name: Turmeric Extract
Description: Powdered extract; Dark orange
Lot #: ABCDEFG
AL #: 12345
Analysis ID: 891011
Received: 01/01/16



Determination of Curcuminoids Content by HPLC



Ret. Time (min)	Compound Name	Amount (%)	Specification	Result
18.8	Curcumin	54.82		
22.2	Desmethoxycurcumin	12.51		
25.9	Bisdesmethoxycurcumin	1.64		
	Total Curcuminoids	68.97	NLT 65%	Pass

Chromatographic Conditions:

Method: USP 38
Column: AP165 Gemini 5µ C18 110A (250 x 4.6 mm)
Temperature: 25°C
Flow Rate: 1 mL/min
Injection Volume: 20 µL
UV Detection: 420 nm
Mobile Phase: Tetrahydrofuran:1 mg/mL Citric Acid in Water (4:6)
HPLC Instrument: Alliance_4

Sample Preparation:

Weighed 25 mg of sample into a 50 mL low-actinic flask and added 30 mL of acetone. Sonicated for 30 minutes at room temperature. Let cool, filled to volume with acetone. Diluted 5:50 with mobile phase and filtered through 0.45 µm PTFE filter into HPLC vial for analysis.

Report Summary:

Conclusion: This "Turmeric Extract" sample contains 69% total curcuminoids on the as is basis.
OOS Reference: N/A
Notebook Reference: AB999 p. 9

Analysis Date : 01/10/2016 Analyzed By: J Lindberg

Authorized By: Holly E. Johnson, Ph.D.,
Laboratory Director