



Specification

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Effective Date

DCR #

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Botanical / Product Information Specification

Product Information

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Item Name	Turmeric	Item Code	BH 12
Scientific Botanical Name	Curcuma longa	Plant Part used	tubor/ root
Botanical Synonym (Syn)	N/A	Marker Compounds	curcuminoids
Alternate Species	N/A	Assay Method	N/A
Standardized Common Name	Turmeric	Herb to Powder Ratio	5:01
Other Common Names	N/A	Antimicrobial Method	Aqueous Ozone
Pharmaceutical Name	N/A	Organic/ Special	Wild Harvested
Ayurvedic Name	N/A	Vegetarian or Vegan	Vegan
Chinese Pinyin Name	N/A	CAS#	bh11
Identity/Assay Method	N/A	Molecular Weight (g/mol.)	N/A
Specific Supplier	N/A	Molecular Formula	N/A
Trademark	Fl	Other	N/A

Organoleptic Characteristics

Color	orange	Odor/ Aroma	mild orange/ginger aroma
Clarity	N/A	Favor/Sensation	pungent mildly bitter taste
Form/ Texture	Fine Powder	Foreign Material	Meets AQL

Characteristics

Method/Standard

Mesh / Density	40 mesh		
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Impurities / Analysis Criteria

Method/Standard

Lead (Pb)	0.96 mg/ kg.		AOAC 2012, 999.1
Arsenic	0.12 mg/ kg.		MCMFA 2003

Microbiological Control / SOP QC -141

Mold and Yeast	less than 10		APHA, Comp. 2001 ch.20
Coliform	below acceptable level of 3		BAM 2013, Chapter 4
Staphylococcus	none detected		BAM2001 Chapter 12
Salmonella	none detected		ISO 6579-2002/Cor.1:2004E
E. Coli	below acceptable level of 3		BAM 2013, Chapter 4
Clostridium	none detected		USP 37, NF 32 2014

Special Notation / Requirements

*Must : test each lot for silymarin, Include in calculations silychrestin,silydianin, isosilybin A, isosilybin B, silybin A and silybin B.

Approvals

		N/A	
Prepared By	Date	Botanical Review (If applicable)	date
	05/02/16		5/02/16
Quality Control/Quality Assurance		Quality Control/Quality Assurance	