
		LP0259118		Specification	
Document Number/Revision			Effective Date		DCR #
PU88			15-May-20		2020-15
Botanical / Product Information Sepecification					
Product Information			Spec Revision # 00 Date.....Pages 01		
Item Name	Holy Basil	Item Code	BH20		
Scientific Botanical Name	Ocium tenuiflorum	Plant Part used	leaves		
Botanical Synonym (Syn)	N/A	Marker Compounds			
Alternate Species	N/A	Assay Method	N/A		
Standardized Common Name	Holy Basil	Herb to Powder Ratio	6:01		
Other Common Names	Great Basil	Antimicrobial Method	Aqueous Ozone		
Pharmaceutical Name	N/A	Organic/ Special	Wild Crafted		
Ayurvedic Name	N/A	Vegetarian or Vegan	Vegetarian and Vegan		
Chinese Pinyin Name	N/A	CAS#	N/A		
Identity/Assay Method	N/A	Molecular Weight (g/mol.)	N/A		
Specific Supplier	N/A	Molecular Formula	N/A		
Trademark		Other	N/A		
Organoleptic Characteristics					
Color	green	Odor/ Aroma	mellow anise		
Clarity	N/A	Flavor/ Sensation	mellow anise-like		
Form/ Texture	Fine Powder	Foreign Material	Meets AQL		

Characteristics			Method/Standard
Mesh / Density	40 mesh		
Impurities / Analysis Criteria		Standard	Method/Standard
Lead (Pb)	0.17 mg/kg	less than 1.0	AOAC 2012, 999.1
Arsenic	0.22 mg/ kg	Less than 2.0	MCMFA 2003
Microbiological Control / SOP QC -141			
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
Quality Control/Quality Assurance		Quality Control/Quality Assurance	

