
		<b>Specification</b>	
Document Number/Revision		Effective Date	DCR #
Pu 19		2-Feb-22	2022/02
<b>Botanical / Product Information Sepecification</b>			
<b>Product Information</b>		<b>Spec Revision # 00 Date.....Pages 01</b>	
Item Name	Black Rice Powder	Item Code	BH 02
Scientific Botanical Name	Oryza sativa	Plant Part used	complete grain
Botanical Synonym (Syn)	N/A	Marker Compounds	C3G, Anthocyanins
Alternate Species	N/A	Assay Method	N/A
Standardized Common Name	N/A	Herb to Powder Ratio	7:01
Other Common Names	N/A	Antimicrobial Method	N/A
Pharmaceutical Name	N/A	Organic/ Special	Organically Certified
Ayurvedic Name	N/A	Vegetarian or Vegan	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
<b>Organoleptic Characteristics</b>			
Color	purple	Odor/ Aroma	mild malt aromoma
Clarity	N/A	Favor/Sensation	sweet malt - like aroma
Form/ Texture	Fine Powder	Foreign Material	Meets AQL
<b>Characteristics</b>			<b>Method/Standard</b>

Mesh / Density	40 mesh		
<b>Impurities / Analysis Criteria</b>			
Lead (Pb)	0.07 mg./ kg.		AOAC 2012, 999.1
Arsenic	0.25 mg./ kg		MCMFA 2003
<b>Microbiological Control / SOP QC -141</b>			
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.			
<b>Approvals</b>			
		N/A	
<b>Prepared By</b>	<b>Date</b>	<b>Botanical Review (If applicable)</b>	<b>date</b>
<b>Quality Control/Quality Assurance</b>		<b>Quality Control/Quality Assurance</b>	