


<b>MALTODEXTRIN USP/BP</b>	Effective Date: 1402/09/30		092222004/02
<b>Specification</b>	Page 1 of 1		
Farhikhtegan Zarnam Research & Industrial Group			

<b>Test Method:</b> USP 45/NF 40/BP2022	<b>Packaging type:</b> Four Layer Kraft paper, Inner Layer laminated with food grade Polyethylene. Secondary Packaging: Polyethylene bag	<b>Product Packaging Size:</b> 25 kg
<b>Shelf life:</b> 2 Years		<b>HS Code:</b> 170290

Test		Method	Acceptance Criteria	
<b>Physical</b>	Description	USP/BP Monograph	White or almost white, hygroscopic powder or granules.	
	Solubility	USP/BP Monograph	Freely soluble or readily dispersible in water; slightly soluble to insoluble in anhydrous alcohol	
<b>Chemical</b>	Identification	A	A red precipitate is formed.	
		B	Characteristic of the hydrogen-donating substance used (from yellow to green or blue if tetramethylbenzidine is used).	
		C	It is a powder or granules	
		D	Dextrose equivalent (see Tests)	
	Assay (Dextrose Equivalent)		USP/BP Monograph	NMT 20
	Impurities	Residue on Ignition (%)	<281>	NMT 0.5
		Limit of protein (%)	USP Monograph	NMT 0.1
		Limit of Sulphur dioxide ( ppm)	USP/BP Monograph	NMT 20
pH		<791>	4.0 - 7.0	
Loss on drying (%)		<731>	NMT 6.0	
<b>Microbiological</b>	Total Aerobic Microbiological Count (cfu/g) (TAMC)	<61>	NMT 10 <sup>3</sup>	
	Total Combined Yeasts/Molds Count (cfu/g) (TYMC)	<61>	NMT 10 <sup>2</sup>	
	Salmonella Species (cfu/10g)	<62>	Absence	
	Escherichia Coli (cfu/g)	<62>	Absence	

<b>QC manager:</b> Sign/Result Date:		<b>Authorized person:</b> Sign/Release Date:	
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**Storage:**  
Storage at a temperature not exceeding 30°C, and a relative humidity not exceeding 50%.

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