


Corn Starch Powder USP	Effective Date: 1402/09/01		092222001/02
Specification			
Farhikhtegan Zarnam Research & Industrial Group	Page 1 of 1		

Test Method: USP 45/NF 40	Packaging type: type1: Four Layer Kraft paper, Inner Layer laminated with food grade Polyethylene type2: Primary packaging is polyethylene bag, Secondary packaging is polypropylene bag	Product Packaging Size: 25 kg
Shelf life: 2 Years		HS Code: 110812

Test		Method	Acceptance Criteria	
Physical	Description	USP Monograph	Irregular, angular, white masses (which may be bleached) or fine powder. Is odorless, and has a slight, characteristic taste	
	Solubility	USP Monograph	Practically insoluble in cold water and in alcohol	
Chemical	Identification	A	USP Monograph	Meets the requirement
		B	USP Monograph	A thin, cloudy mucilage is formed
		C	USP Monograph	An orange-red to dark blue color is produced, which disappears upon heating
	Impurities	Residue on Ignition (%)	<281>	NMT 0.6
		Limit of iron (ppm)	USP Monograph	NMT 10
		Limit of SO ₂ (ppm)	USP Monograph	NMT 50
		Limit Of Oxidizing Substances(ppm)	USP Monograph	NMT 20
PH	<791>	4 – 7		
Loss on drying	<731>	NMT 15.0		
Microbiologi	Total Aerobic Microbiological Count (cfu/g) (TAMC)	<61>	NMT 10 ³	
	Total Combined Yeasts/Molds Count (cfu/g) (TYMC)	<61>	NMT 10 ²	
	Escherichia Coli (cfu/g)	<62>	Absence	

QC manager: Sign/Result Date:		Authorized person: Sign/Release Date:
		
Storage: Preserve in tightly closed container. No storage requirements specified		مسئول فنی: ۲۰۹۰۷

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