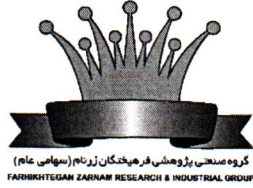


Corn Starch Powder USP	Effective Date: 1404/08/17 (08.11.2025)	 گروه صنعتی پژوهشی فرهایتگان زرنام (سهامی عام) FARHIKHTEGAN ZARNAM RESEARCH & INDUSTRIAL GROUP	092222001/05
Specification			
Farhikhtegan Zarnam Research & Industrial Group	Page 1 of 1		

Test Method: USP 48/NF 43	Packaging type: Type1: Four Layer Kraft paper, Inner Layer laminated with food grade Polyethylene secondary packaging: Polyethylene Bag Type2: Primary packaging: polyethylene bag; Secondary packaging: polypropylene bag	Product Packaging Size: 25 kg
Shelf life: 2 Years		HS Code: 11081210

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	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		
Microbiological	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:	Authorized person:
Sign/Result Date:	Sign/Release Date:

Storage:
 Preserve in tightly closed container. Keep in dry place and ambient temperature away from direct sun and freezing

Note:
 - This product doesn't have any source of allergens and it is gluten free.
 - The solvent used in the product is water, which is shown as moisture in the final product.

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