

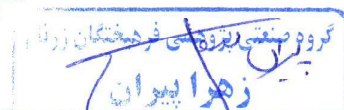


Modified Corn Starch USP	Effective Date: 1404/08/17 (08.11.2025)	 گروه صنعتی پژوهشی فرهیختگان زرنام (سهامی عام) FARHIKHTEGAN ZARNAM RESEARCH & INDUSTRIAL GROUP	092222007/04
Specification			
Farhikhtegan Zarnam Research & Industrial Group	Page 1 of 1		

Test Method: USP 48/NF 43	Packaging type: Primary packaging: Four Layer Kraft paper, Inner Layer laminated with food grade Polyethylene secondary packaging: Polyethylene bag.	Product Packaging Size: 25 kg
Shelf life: 2 Years		HS Code: 35051090

Test		Method	Acceptance Criteria	
Physical	Description	In house	White Powder	
Chemical	Identification	A	USP Monograph	Polygonal, rounded or spheroidal granules up to 35 µm in diameter and usually having a circular or several-rayed central cleft
		B	USP Monograph	The final solution is translucent to opaque with a fluid consistency. A yellow tint of the final solution is acceptable
		C	USP Monograph	A water slurry of the Modified Starch is colored orange-red to deep blue by iodine TS.
	Impurities	Residue on Ignition (%)	<281>	NMT 1.5
		Limit of iron (ppm)	<241>	NMT 20
		Limit of SO ₂ (ppm)	USP Monograph	NMT 50
		Limit Of Oxidizing Substances(%)	USP Monograph	NMT 0.018
		PH	<791>	3.0-9.0
	Loss on drying	<731>	NMT 15.0	
Microbiological	Total Aerobic Microbiological Count (cfu/g) (TYMC)	<61>	NMT 10 ³	
	Total Combined Yeasts/Molds Count (cfu/g) (TYMC)	<61>	NMT 10 ²	
	Escherichia Coli (cfu/g)	<62>	Absence	
	Salmonella species (cfu/10g)	<62>	Absence	

QC manager: Sign/Result Date:		Authorized person: Sign/Release Date:	

Storage: Preserve in well- closed container. Keep in dry place at 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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