
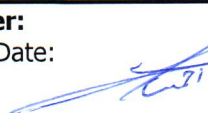
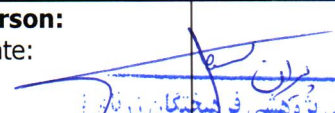


Pregelatinized Corn Starch - BP Specification	Effective Date: 1402/09/01	 گروه صنعتی پژوهشی فرمایگان زرنام (سهامی عامه) FARHIKHTEGAN ZARNAM RESEARCH & INDUSTRIAL GROUP	092222008/01
	Farhikhtegan Zarnam Research & Industrial Group		

Test Method: BP 2022	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: 350510

	Test	Method	Acceptance Criteria
Physical	Appearance	BP monograph	White or yellowish-white powder, It swells in cold water.
	Identification A	BP monograph	Examined under a microscope using a mixture of equal volumes of glycerol R and water R it presents irregular, translucent, white or yellowish-white flakes or pieces with an uneven surface. Under polarised light (between crossed nicol prisms), starch granules with a distinct black cross intersecting at the hilum may be seen.
Chemical	Identification B	BP monograph	Disperse 0.5 g in 2 mL of water R without heating and add 0.05 mL of iodine solution R1. A reddish-violet or blue colour is produced.
	pH	BP monograph	4.5 – 7.0
	Limit Of Oxidizing Substances (ppm)	BP monograph	It complies with the test for oxidising substances. Use a mixture of equal volumes of methanol R and water R as solvent.
	Sulfur dioxide (ppm)	BP monograph	NMT 50
	Iron (ppm)	BP monograph	NMT 20
	Foreign matter	BP monograph	Examined under a microscope using a mixture of equal volumes of glycerol R and water R, not more than traces of matter other than starch granules are present.
	Loss on drying (%)	BP monograph	NMT 15.0
	Sulfated ash (%)	BP monograph	NMT 0,6
Microbiological	Total Aerobic Microbial Count (cfu/g)	BP monograph	10 ³
	Total Combined Yeasts/Molds Count(cfu/g)	BP monograph	10 ²
	Escherichia coli (cfu/g)	BP monograph	Absence
	Salmonella Species (cfu/10g)	BP monograph	Absence

QC manager: Sign/Result Date:		Authorized person: Sign/Release Date:	
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Storage: Preserve in tightly closed container. Keep in dry place at ambient temperature away from direct sun and freezing.

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