


High Fructose Corn Syrup (HFCS) 42% - USP	Effective Date: 1401/08/22	 گروه صنعتی پژوهشی فرمایندگان زرنام FARHAKHTEGAN ZARNAM RESEARCH & INDUSTRIAL GROUP	092222002/01
	Specification		
Farhikhtegan Zarnam Research & Industrial Group			


Test Method: USP 45/NF 40	Packaging type: polyethylene bag in polyethylene drum	Product Packaging Size: 25,45,50,300 kg
Shelf life: 2 Years		HS Code: 170260

Test		Method	Acceptance Criteria	
Physical	Appearance	USP Monograph	Clear aqueous solution, sweet and odorless	
	Solubility	USP Monograph	Is miscible in all proportions with water	
Chemical	Identification	A	USP Monograph a copious red precipitate of cuprous oxide is formed	
		B	USP Monograph It meets the requirement of Assay	
	Assay	Total saccharides (%)	USP Monograph	NLT 97
		Monosaccharides (%)		NLT 92
		Fructose (%)		41.0-50.0
		Other saccharides (%)		NMT 8.0
	Impurities	Residue on ignition (%)	USP Monograph	NMT 0.05
		Limit of Lead (µg/g)		NMT 0.1
		Limit of SO2 (µg/g)		NMT 30.0
	Total solid (%)		USP Monograph	NLT 70.5
Microbiological	Total Aerobic Microbiological Count (cfu/g) (TAMC)	<61>	NMT 10 ³	
	Total Combined Yeasts/Molds Count (cfu/g) (TYMC)	<61>	NMT 10 ²	

QC manager: Sign/Result Date:		Authorized person: Sign/Release Date:	
Storage: Preserve in well-closed containers.			

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QA Valid
Sign / Date: *Goushvar*
1401/08/22


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