


High Fructose Corn Syrup 55% (HFCS) - USP Specification	Effective Date: 1402/09/01	 گروه صنعتی پژوهشی فرهایفنگان زرنام (سهامی عام) FARHIKHTEGAN ZARNAMI RESEARCH & INDUSTRIAL GROUP	092222005/01
	Farhikhtegan Zarnam Research & Industrial Group		

Test Method: USP 45/NF 40 Shelf life: 2 Years	Packaging type: polyethylene bag in polyethylene drum	Product Packaging Size: 25,45,50,300 kg 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 95
		Monosaccharaides (%)		NLT 94
		Fructose (%)		54.0 – 60.0
		Other saccharides (%)		NMT 6.0
	Impurities	Residue on Ignition (%)	USP Monograph	NMT 0.05
		Limit of Lead (µg/g)		NMT 0.1
		Limit of SO ₂ (µg/g)		NMT 30.0
	Total solid (%)	USP Monograph	NLT 76.5	
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.			

Address: Zar Grain Refinery, Hashtgerd, Karaj, Qazvin Highway, Alborz-Iran
 Postal code: 3361118549
 CRM : +982643212121 SALE OFFICE: +982643212000-3325 Lab: +982643212000-3431-3443-3435
 Email: info@zarfructose.com Website: www.zarfructose.com

