

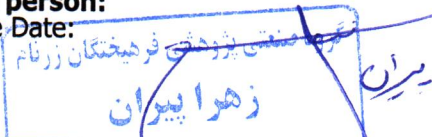


<b>High Fructose Corn Syrup 42% (HFCS)</b> Specification	Effective Date: 1404/09/10 01-12-2025	 گروه صنعتی پژوهشی فرهیختگان زرنام (سواهی عام) FARHIKHTEGAN ZARNAM RESEARCH & INDUSTRIAL GROUP	092222002/04
Farhikhtegan Zarnam Research & Industrial Group	Page 1 of 1		

<b>Test Method:</b> USP 48/NF 43	<b>Packaging type:</b> polyethylene drum	<b>Product Packaging Size:</b> 25, 45, 50, 300 kg
<b>Shelf life:</b> 2 Years		<b>HS Code:</b> 17026000

Test		Method	Acceptance Criteria	
<b>Physical</b>	Appearance	USP Monograph	Clear aqueous, sweet and odorless	
	solubility	USP Monograph	Is miscible in all proportions with water	
<b>Chemical</b>	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 97.0
		Monosaccharaides (%)	USP Monograph	NLT 92.0
		Fructose (%)	USP Monograph	41.0-50.0
		Other saccharides (%)	USP Monograph	NMT8.0
	Impurities	Residue on Ignition (%)	<281>	NMT 0.05
		Limit of Lead (µg/g)	USP Monograph	NMT 0.1
		Limit of SO <sub>2</sub>	USP Monograph	NMT 30.0
	Total Solid (%)		USP Monograph	NLT 70.5
<b>Microbiological</b>	Total Aerobic Microbiological Count(cfu/g) (TAMC)	<61>	NMT 10 <sup>3</sup>	
	Total Combined Yeasts/Molds Count(cfu/g) (TYMC)	<61>	NMT 10 <sup>2</sup>	

<b>QC manager:</b> Sign/Result Date:		<b>Authorized person:</b> Sign/Release Date:	
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**Storage:**  
Preserve in tightly closed container. Keep in dry place 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 production of this product is water, which is shown as moisture in the final product.

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**QA Valid**  
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 1404.09.10

  
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