


<b>LIQUID GLUCOSE DE 42 - USP</b>	Effective Date: 1402/09/01	 گروه صنعتی پژوهشی فرهیختگان زرنام FARHIKHTEGAN ZARNAM RESEARCH & INDUSTRIAL GROUP	092222003/01
<b>Specification</b>	Page 1 of 1		
Farhikhtegan Zarnam Research & Industrial Group			

<b>Test Method:</b> USP 45/NF 40	<b>Packaging type:</b> polyethylene bag in polyethylene drum	<b>Product Packaging Size:</b> 25,45,50,300 kg
<b>Shelf life:</b> 2 Years		<b>HS Code:</b> 170230

Test		Method	Acceptance Criteria	
<b>Physical</b>	Description	USP Monograph	Colorless or yellowish, thick, syrupy liquid. Odorless or nearly odorless, and has a sweet taste	
	Solubility	USP Monograph	Sparingly soluble in alcohol. Miscible with water	
<b>Chemical</b>	Identification A	USP Monograph	It meets the requirements in the Assay for Reducing Sugars (Dextrose Equivalent).	
	ASSAY- anhydrous basis (%)	USP Monograph	37.8 - 46.2	
	Impurities	Residue on Ignition (%)	<281>	NMT 0.5
		Sulfite	USP Monograph	A blue color is produced.
		Starch	USP Monograph	No blue color is produced.
	Acidity	USP Monograph	NMT 0.60 mL of 0.10 N sodium hydroxide is required to produce a pink color	
Water determination (%)	<921>	NMT 21.0		
<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.

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