




LIQUID GLUCOSE DE 42% - USP	Effective Date: 1404/09/10 01-12-2025	 گروه صنعتی پژوهشی فرمایندگان زرنام (سهامی عام) FARHIKHTEGAN ZARNAM RESEARCH & INDUSTRIAL GROUP	092222003/04
Specification			
Farhikhtegan Zarnam Research & Industrial Group		Page 1 of 1	

Test Method: USP 48/NF 43	Packaging type: polyethylene drum	Product Packaging Size: 25,45,50,300 kg
Shelf life: 2 Years		HS Code: 170230

Test		Method	Acceptance Criteria	
Physical	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	
Chemical	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 (%)	USP Monograph	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		
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: 
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Storage:
Preserve in tightly closed container. Keep in dry place and ambient temperature away from direct sun and freezing-

Note:
The origin of this product is corn.
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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