


LIQUID GLUCOSE DE 42 - BP	Effective Date: 1402/09/01		092222011/00
Specification	Page 1 of 1		
Farhikhtegan Zarnam Research & Industrial Group			

Test Method: BP 2022	Packaging type: polyethylene bag in polyethylene drum	Product Packaging Size: 25,45,50,300 kg
Shelf life: 2 Years		HS Code: 170230

	Test	Method	Acceptance Criteria
Physical	Definition	BP Monograph	Aqueous solution containing a mixture of glucose, oligosaccharides and polysaccharides obtained by hydrolysis of starch.
	Appearance	BP Monograph	Clear, colourless or brown, viscous liquid.
	Solubility	BP Monograph	Miscible with water. It may partly or totally solidify at room temperature and liquefies again when heated to 50 c.
Chemical	Identification A	BP Monograph	A red precipitate is formed
	Identification B	BP Monograph	within 60 s the color changes from yellow to green or blue.
	Identification C	BP Monograph	It is a clear, colorless or brown, viscous liquid, miscible with water.
	Identification D	BP Monograph	Dextrose equivalent
	pH	BP Monograph	4.0 – 6.0
	Sulfur dioxide (ppm)	BP Monograph	Maximum 20 ppm; maximum 400 ppm if intended for the production of lozenges or pastilles obtained by high boiling techniques, provided that the final product contains maximum 50 ppm of sulfur dioxide.
	Loss on drying (%)	BP Monograph	NMT 30.0
	Dextrose equivalent (DE)	BP Monograph	within 10 per cent of the nominal value
	Sulfated ash (%)	BP Monograph	NMT 0.5
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:
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Storage:
Preserve in tightly closed container

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QA Valid
 Sign / Date: *G-cashvar* 1402, 09, 01

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 مسئول فنی: ۲۰۹۰۷
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