

GOKUL EXIMP

(STAR EXPORT HOUSE)

AN ISO 9001 CERTIFIED COMPANY

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GLUCOSE LIQUID

TECHNICAL DATA SHEET

Liquid Glucose Is Also Known As Corn Syrup. Made from Maize (Corn) It Is Yellow Tinge To Colorless, Odorless And Viscous In Nature. It Is Produced From Starch Through Enzymatic Process. It Is A Purified Concentrated Aqueous Solution Of Nutritive Saccharides Having A Combination Of Mono, Tetra, Penta And Higher Saccharides. It Is The Main Key Ingredient Of Confectionery Industry.

Technical Specifications:

Product Name	Liquid Glucose/Corn Syrup
Appearance	Yellow Tinge to Colorless, Clear, Thick Viscous Syrup
Dry Solids	80 - 86%
Dextrose Equivalent	38 - 45%
pH (50% Solution w/v)	4.5 - 5.5
Sulphated Ash	0.5% Max. on DB
Sulphur Dioxide	400 ppm Max.
Acidity for 5 gms using NaOH	0.6 ml Max.
Starch	Absent

Liquid glucose is a combination of various saccharides or simple carbohydrates extracted with strict quality control parameters and then subjected to a refining and vacuum evaporation process. It comprises glucose, maltose, maltodextrin and oligosaccharides, which might be in mono, di, tri, penta or higher saccharide form. The solution can be transparent to viscous aqueous and light yellow to colourless.

It is very versatile and can be used in a wide range of cooking applications. Liquid glucose improves the form, gives body and texture to the finished products. It is especially used for hard candies. It also imparts resistance to discolouration, moisture formation and crystallisation, thus producing products which have exceptional clarity, stability and brilliance.

Liquid glucose should not be confused with corn syrup. Corn syrup is specially prepared syrup obtained by the conversion of acid enzyme and contains a more complex sugar called dextrin.

For GOKUL EXIMP

Partner / Authorised Signatory