



JIANGSU KHONOR CHEMICALS CO.,LIMITED

## TECHNICAL DATA SHEET

**Product Name:** Glucose Syrup

**Synonyms:** Liquid Glucose, Corn Syrup, Starch Syrup, Glucose Liquid

**Appearance:** Colorless, transparent viscous liquid

**Appearance:** White Crystalline Powder

**Molecular formula:** C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>

**CAS number:** 8029-43-4

**HS CODE:** 17023000

### TYPICAL SPECIFICATIONS

Description		Colorless, transparent viscous liquid
Smell		Normal
Flavor		Soft sweet, no particular taste
Dry solids	≥	50%
DE Value		40-45
PH Value		4.0-6.0
Boiling temperature °C	≥	130
Transparence	≥ %	98
Sulphate ash	≤	0.3
Pb(Pb <sup>2+</sup> )(mg/kg)	≤	0.5
sulfur dioxide (mg/kg)	≤	40
As(As <sup>3-</sup> )(mg/kg)	≤	0.5
Coliforms (mpn/g)	≤	3
Total bacterias (cfu/g)	<	3000
Pathogens (samolnella)		Negative

### APPLICATIONS

#### Food and Beverages:

Used as a sweetener, thickener, and humectant in candies, beverages, bakery products, and ice cream.

#### Pharmaceuticals:

Used as an excipient and energy source in medicinal syrups and other formulations.

**Industrial Uses:**

Used in fermentation, adhesives, and textile processing.

**PACKAGING**

300kg HDPE drums

Custom packaging available upon request

**STORAGE & HANDLING**

**Storage:** Keep in a cool, dry, and well-ventilated area, away from moisture and direct sunlight.

**Handling precautions:** Handle with clean equipment. Avoid contamination.

**Shelf life:** 2 years under proper storage conditions.

**SAFETY & TRANSPORT**

**Classification:** Non-hazardous

**Toxicity:** Generally recognized as safe (GRAS) by FDA when used as directed.

**Transport:** Not classified as dangerous goods

