

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

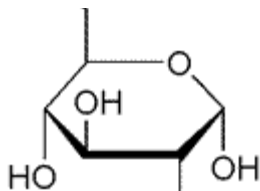
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 32033

Product **D-(+)-Glucose**

Dextrose

CAS Number 50-99-7

Molecular Formula C₆H₁₂O₆

Molecular Weight 180.16

Appearance White crystalline powder

Heavy Metals ≤ 5 ppm

Anion Chloride (Cl) : ≤ 100 ppm

Cation Iron (Fe) : ≤ 5 ppm

Optical Rotation [α]_D²⁵ = +52 - +53 ° (C=10 in water and ammonium hydroxide)

Infrared Spectrum Conforms to structure

Loss on Drying ≤ 0.2% (105 °C, 6 h)

Residue After Ignition ≤ 0.02%

Insoluble material ≤ 0.005%

Titration Acid ≤ 0.002 meq/g

Grade ACS Reagent

Storage Store at RT

Additional Information Starch : To pass test
Sulfate Ion and Sulfur Trioxide (as Sulfate) : ≤ 0.005%

For Laboratory Use Only