

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 21269

Product **Heptyl- β -D-glucopyranoside**

n-Heptyl- β -D-glucopyranoside

CAS Number 78617-12-6

Molecular Formula C₁₃H₂₆O₆

Molecular Weight 278.34

Appearance White powder

Optical Rotation $[\alpha]_D^{20} = -31$ to -35° (C=5 in H₂O)

Infrared Spectrum Conforms to structure

UV Ratios λ_{\max} 260 nm = < 0.3

Loss on Drying $\leq 1\%$

Residue On Ignition $\leq 0.5\%$

¹H NMR Conforms to structure

Purity by HPLC $\geq 98\%$

Purity by TLC One spot

Storage Store at 0-8 °C

For Laboratory Use Only