

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

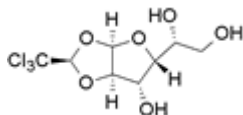
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 21931

Product **α -Chloralose**

(R)-1,2-O-(2,2,2-trichloroethylidene)- α -D-glucofuranose

CAS Number 15879-93-3

Molecular Formula C₈H₁₁Cl₃O₆

Molecular Weight 309.53

Appearance White powder

Solubility Clear solution

Melting Point 178 - 184 °C

Water Content (Karl Fisher) $\leq 0.50\%$

pH 6.50 - 7.50

Optical Rotation $[\alpha]_{D}^{20} = 17 \pm 2^{\circ}$

Sulfated Ash $\leq 0.10\%$

Assay $\geq 98\%$

Purity $\geq 99\%$ (GLC)

Storage Store at 0 - 8 °C

Additional Information Alpha Chloralose : $\geq 85\%$
Beta Chloralose (By GC) : $\leq 15\%$

For Laboratory Use Only