

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	39484
Product	(S)-3-Amino-1,2-propanediol
CAS Number	61278-21-5
Molecular Formula	C ₃ H ₉ NO ₂
Molecular Weight	91.11

Warnings	<i>Hygroscopic! Store under inert gas!</i>
Appearance	White, orange or green powder or solid
Solubility	Soluble in methanol and water
Melting Point	54 - 60 °C
Boiling point	129 - 131 °C / 5 mmHg
Refractive Index	$n_{20D} = 1.48$
Optical Rotation	$[\alpha]_{20D} = -2$ to -4 ° (C=5 in H ₂ O)
¹H NMR	Conforms to structure
Assay by titration	≥ 98% (Nonaqueous titration)
Purity by GC	≥ 98%
Storage	Store at RT

For Laboratory Use Only