

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 08027

Product **DL- β -Phenyllactic acid**

(RS)-2-Hydroxy-3-phenylpropionic acid

(RS)-3-Phenyllactic acid

CAS Number 828-01-3

Molecular Formula C₉H₁₀O₃

Molecular Weight 166.18

Appearance White to off-white powder

Solubility Clear, colorless solution (50mg/mL in 80% MeOH)

Melting Point 94-98° C

TLC System Chloroform/Methanol/Toluene/Water (8:8:8:1)
Chloroform/Methanol/Acetic acid 32% (5:3:1)
chloroform/Methanol/Acetic acid (90:8:2)
Plate: silicagel 60 F₂₅₄
Detected by: UV, ninhydrin, chlorine-tolidine

Assay $\geq 99.9\%$

Purity by TLC $\geq 99\%$

Storage Store at RT

For Laboratory Use Only