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Product Specifications

Catalogue Number 04449

Product **D-Homoserine**

D-HomoSer-OH

D-2-Amino-4-hydroxybutyric acid

CAS Number 6027-21-0

Molecular Formula C₄H₉NO₃

Molecular Weight 119.12

Appearance White crystals

Solubility Clearly soluble (0.5 mmol in 1 ml H₂O)

Melting Point 201-209 °C

TLC System Butanol/Acetic acid/Water (4:5:1)

Optical Rotation [α]_D²⁰ = +8 ± 2° (C=2 in H₂O)

Infrared Spectrum Conforms to structure

Purity by TLC ≥ 99%

Storage Store at 0-8 °C

For Laboratory Use Only