

Chem-Impex International, Inc.

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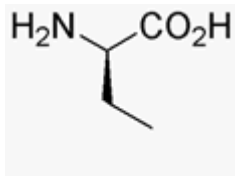
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 00806
Product **D-α-Aminobutyric acid**

D-Abu-OH

D-2-Aminobutanoic acid

CAS Number 2623-91-8

Molecular Formula C₄H₉NO₂

Molecular Weight 103.1

Appearance White crystalline powder
Solubility Colorless & Clear (C = 5 in 6N HCl)
Heavy Metals ≤ 10 ppm (as Pb)
Arsenic (As₂O₂) ≤ 1 ppm
Anion Chloride (Cl⁻) = ≤ 0.03%, Sulfate (SO₄²⁻) = ≤ 0.03%
Cation Ammonium salts (NH₄⁺) ≤ 0.02%
Optical Rotation [α]_D²⁰ = -21 ± 2° (C=11 in 6N HCl)
Loss on Drying ≤ 0.5%
Other Amino Acids Not detected by TLC (the spotted amount 20 ug)
Residue On Ignition ≤ 0.05% (as sulfate)
Assay ≥ 99%
Storage Store at RT

For Laboratory Use Only