

Chem-Impex International, Inc.

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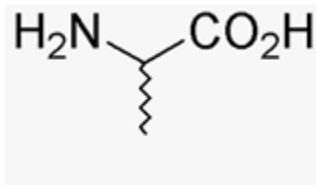
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	00017
Product	DL-Alanine
	DL-Ala-OH
	(<i>R,S</i>)-2-Aminopropionic acid

CAS Number 302-72-7

Molecular Formula C₃H₇NO₂

Molecular Weight 89.09

Appearance	White crystalline powder
Heavy Metals	≤ 0.001%
Anion	Chloride (Cl) : ≤ 0.02% Sulfate (SO ₄) : ≤ 0.02%
Cation	Iron (Fe) : ≤ 0.002% Arsenic (As) : ≤ 0.0001% Ammonium (NH ₄) : ≤ 0.02%
pH	5.5 - 7.0
Transmission	State of solution : ≥ 98%
Loss on Drying	≤ 0.2%
Other Amino Acids	Chromatographically qualified
Residue On Ignition	≤ 0.1%
Assay by titration	98.5 - 101.0%
Storage	Store at RT

For Laboratory Use Only