

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	49469
Product	Imidazole
CAS Number	288-32-4
Molecular Formula	C ₃ H ₄ N ₂
Molecular Weight	68.08

Appearance	White crystalline powder
Solubility	Clear colorless solution 10% aq. Solution
Melting Point	89 - 90 °C
Heavy Metals	≤ 0.0005% (as Pb)
Anion	Chloride (Cl ⁻): ≤ 0.005% Sulphate (SO ₄ ²⁻): ≤ 0.005%
Cation	Iron (Fe): ≤ 0.0005%
Water Content (Karl Fisher)	≤ 0.5%
pH	9.5 - 11.0 (5% aq. solution)
Absorbance	Absorbance of 5% aq. Solution in a 1cm/water at 260 nm : ≤ 0.1 at 280 nm : ≤ 0.1 at 324 nm : ≤ 0.05
DNase, RNase, Protease	Not detected
Sulfated Ash	≤ 0.1%
Assay by titration	Neutralization titration: ≥ 99.5%
Grade	Molecular biology grade
Storage	Store at RT

For Laboratory Use Only