

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

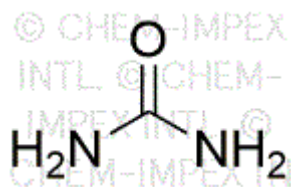
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 49492

Product **Urea**

Carbonyldiamide

Carbamide

CAS Number 57-13-6

Molecular Formula CH₄N₂O

Molecular Weight 60.06

Appearance White crystalline powder

Solubility Clear colorless solution at 8M aq. Solution

Melting Point 132 - 135 °C

Heavy Metals ≤ 0.0001% (as Pb)

Anion Chloride (Cl⁻): ≤ 0.0005%
Sulphate (SO₄²⁻): ≤ 0.001%

Cation Iron (Fe): ≤ 0.0001%

Acidity ≤ 0.05 mL N%

Absorbance Absorbance of 6M aq. Solution in a 1cm cell / water
at 260 nm : ≤ 0.06
at 280 nm : ≤ 0.06

DNase, RNase, Protease Not detected

Sulfated Ash ≤ 0.001%

Assay ≥ 99.5% (ex. N)

Grade Molecular biology grade

Storage Store at RT

Additional Information Biuret (C₂H₅N₃O₂) : ≤ 0.05%

For Laboratory Use Only