

Product Name: Urea, 98+%
Catalog Number: A12360.0E

CAS Number: 57-13-6
IUPAC Name: urea
Molecular Formula: CH₄N₂O
Molecular Weight: 60.06
InChI Key: XSQUKJJJFZCRTK-UHFFFAOYSA-N
SMILES: NC(N)=O
Synonym: urea karbamid harnstoff H₂NC(O)NH₂ uree carbonyldiamide UREA

Product Specification

Appearance (Color): White
Form: Crystalline powder, prills, pellets or crystals
Elemental Analysis: Carbon: 19.60-20.39%
Elemental Analysis: Hydrogen: 6.57-6.85%
Elemental Analysis: Nitrogen: 45.72-47.57%
Identification (FTIR): Conforms
Melting Point (clear melt): 129-138°C

Date Of Print: 06/19/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.