

Product Specifications

PRODUCT NAME: Urea
USP/FCC

CHEMICAL FORMULA: CH₄N₂O

Product Code: 599500-90000
F.W.: 60.0600
CAS No: 57-13-6
Density: 1.34

ITEM	SPECIFICATIONS
USP-Description	White, Crystalline Powder
USP-Identification A	To Pass Test
USP-Identification B	To Pass Test
USP-Assay	98.0-102.0%
USP-Residue on Ignition	0.1% max.
USP-Alcohol Insoluble Matter	0.04% max.
USP-Urea Related Compound A	0.1% max.
USP-Individual Impurity	0.1% max.
USP-Total Impurities	2.0% max.
USP-Residual Solvents	To Comply
FCC-Identification A	To Pass Test
FCC-Identification B	To Pass Test
FCC-Assay	99.0-100.5%
FCC-Chloride (Cl)	0.007% max.
FCC-Lead (Pb)	5 mg/kg max.
FCC-Sulfate (SO ₄)	0.01% max.
FCC-Alcohol Insoluble Matter	0.04% max.
FCC-Loss on Drying	1.0% max.
FCC-Residue on Ignition	0.1% max.

Remarks:

The above are the specifications, ranges and limits set for this product.


Eddy Santiago
Quality Assurance Manager

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