

# Certificate of Analysis (COA)

**Product Name:** Urea (Technical Grade)

**Chemical Name:** Carbamide

**Chemical Formula:** CO(NH<sub>2</sub>)<sub>2</sub>

**CAS No.:** 57-13-6

**Batch No.:** U-0326-05

**Manufacturing Date:** March 2026

**Expiry Date:** March 2028

**Grade:** Technical Grade

Test Parameter	Specification	Result
Appearance	White crystalline/prilled solid	Conforms
Assay (Urea Content)	≥ 98.0 %	99.1 %
Nitrogen Content	≥ 46.0 %	46.3 %
Moisture	≤ 0.5 %	0.28 %
Biuret	≤ 1.0 %	0.72 %
Ash	≤ 0.1 %	0.05 %
Insoluble Matter	≤ 0.02 %	0.01 %
pH (10% solution)	7.0 – 9.5	8.3

## REMARKS:

This is to certify that the above-mentioned batch has been analyzed at the time of quality release and has been found to be complying with the label claim/prescribed specifications.