

ADYA GLOBAL CHEM LLP

30, M.S VILLA, GROUND FLOOR, JANTA ROAD, SANHAULI,
KHAGARIA, BIHAR-851205, India

CERTIFICATE OF ANALYSIS (COA)

UREA USP

Product Name	UREA USP		
Molecular weight	60.06 gm/mol	Batch No.	AGC25009
CAS No.	57-13-6	Batch Size	5000 kgs
HSN Code	31021000	Manufacturing Date	17-12-2025
Chemical Formula	NH ₂ CONH ₂	Expiry Date	16-12-2030
Date of Analysis	23-12-2025	Grade	USP

S. NO.	TEST	SPECIFICATION	RESULT
1.	Description	White or almost white, crystalline powder or transparent crystals, slightly Hygroscopic	White crystalline powder, slightly hygroscopic
2.	Identification	A. The infrared absorption spectrum of the sample must be concordant with the standard. B. The retention time of the major peak of the sample corresponds to that of standard solution as obtained in the assay.	A. Complies B. Complies
3.	Residue on ignition	NMT 0.1%	0.07 %
4.	Alcohol insoluble matter	NMT 0.04 %	Complies
5.	Assay	98.0 - 102 %	99.51 %
6.	Urea related impurity	NMT 2.0 %	Complies
7.	Total Impurity	NMT 2.0 %	Complies



QC Manager