

CERTIFICATE OF ANALYSIS

PRODUCT NAME : UREA AR FOR BIOCHEMICAL PURPOSE

CAS No	: 57-13-6	Product code	: 26780
Mol. Formula	: NH ₂ .CONH ₂	Batch No.	: MCAR-01056
Mol. WT	: 60.06	Mfd.	: Jan. 2025
Date of analysis	: 03/01/25	Exp.	: Dec. 2029

S.R	Test	Specification	Observation
1	Description	White crystals or crystalline powder or granular.	White crystalline powder
2	Assay	99.5 % w/w min	99.55% w/w
3	Melting point	132-133 ⁰ C	132.6 ⁰ C
4	Insoluble matter	0.003% max	0.002%
5	Acidity	0.05 ml N% max	< 0.05 ml N%
6	Alkalinity	0.05 ml N% max	< 0.05 ml N%
7	Sulphated ash	0.005% max	0.003%
8	Chloride (Cl)	0.0005% max	< 0.0005%
9	Sulphate (SO₄)	0.001% max	< 0.001%
10	Copper (Cu)	0.0001% max	< 0.0001%
11	Iron (Fe)	0.0001% max	< 0.0001%
12	Lead (Pb)	0.0002% max	< 0.0002%
13	Biuret (C₂H₅N₃O₂)	0.05% max	< 0.05%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Jyoti)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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