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.**	**: MCRT-27717**
Mol. WT	**: 60.06**	**Mfd.**	**: Feb. 2023**
Date of analysis	**: 22/02/23**	**Exp.**	**: Jan. 2028**

S.R	Test	Specification	Observation
1	**Description**	White crystals or crystalline powder or granular.	White granules .
2	**Assay**	99.5 % w/w min	99.62% w/w
3	**Melting point**	132-133°C	133.8°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 (SO_4)**	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 ($C_2H_5N_3O_2$)**	0.05% max	< 0.05%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By] **[QC Incharge]**

CHEMIST
(Priyanka)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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