

CERTIFICATE OF ANALYSIS

PRODUCT NAME : THIOUREA AR

| | | | |
|-------------------------|---------------------------------------|---------------------|--------------|
| CAS No | : 62-56-6 | Product code | : 26600 |
| Mol. Formula | : NH ₂ .CS.NH ₂ | Batch No. | : MCRT-28966 |
| Mol. WT | : 76.12 | Mfd. | : Aug. 2023 |
| Date of analysis | : 06/08/23 | Exp. | : July 2028 |

| S.R | Test | Specification | Observation |
|-----|---|------------------------------|------------------------------|
| 1 | Description | A White crystalline powder . | A White crystalline powder . |
| 2 | Assay | 99.5% w/w min | 99.64% w/w |
| 3 | Melting point | 174-179 ⁰ C | 176.8 ⁰ C |
| 4 | Water insoluble matter | 0.005%max | 0.003% |
| 5 | Sulphated ash | 0.05% max | 0.008% |
| 6 | Choride (Cl) | 0.001% max | <0.001% |
| 7 | Sulphate (SO₄) | 0.01% max | <0.01% |
| 8 | Iron (Fe) | 0.0005% max | <0.0005% |
| 9 | Lead (Pb) | 0.001% max | <0.001% |
| 10 | Loss on drying at 105⁰C | 0.5% max | 0.32% |

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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