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-28653**
Mol. WT	**: 76.12**	**Mfd.**	**: June 2023**
Date of analysis	**: 29/06/23**	**Exp.**	**: May 2028**

S.R	Test	Specification	Observation
1	**Description**	A White crystalline powder .	A White crystalline powder .
2	**Assay**	99.5% w/w min	99.68% w/w
3	**Melting point**	174-179^{0}C	176.6^{0}C
4	**Water insoluble matter**	0.005%max	0.004%
5	**Sulphated ash**	0.05% max	0.02%
6	**Choride (Cl)**	0.001% max	<0.001%
7	**Sulphate (SO_4)**	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 105^{0}C**	0.5% max	0.44%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

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

CHEMIST
(Jyoti)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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