

CERTIFICATE OF ANALYSIS

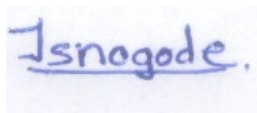
PRODUCT NAME : TRIS-HYDROCHLORIDE AR

CAS No	: 1185-53-1	Product code	: 54240
Mol. Formula	: C ₄ H ₁₁ NO ₃ .HCl	Batch No	: MCR-33025
Mol. WT	: 157.60	Mfd.	: Jan. 2025
Date of analysis	: 24/01/25	Exp.	: Dec. 2029

S.R	Test	Specification	Observation
1	Description	White crystals or crystalline powder.	White crystalline powder
2	Assay(Cl)	99 % min	99.47%
3	pH (0.5 M in water,20°C)	3.5 - 5.0	3.53
4	Melting point	149 – 151 ⁰ C	150.1 ⁰ C
5	Loss on drying(110°C)	0.2 % max	0.18%
6	Residue on ignition (SO₄, 900 °C)	0.2% max	0.18%
7	Absorption maxima of 1M aq.soln.	260nm – 0.05 max 280nm – 0.05 max	260nm – 0.035 280nm – 0.028

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Jyoti)**



[QC Incharge]



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

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