

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-34049
Mol. WT	: 157.60	Mfd.	: May 2025
Date of analysis	: 22/05/25	Exp.	: April 2030

S.R	Test	Specification	Observation
1	Description	White crystals or crystalline powder.	White crystalline powder
2	Assay(Cl)	99 % min	99.69%
3	pH (0.5 M in water,20°C)	3.5 - 5.0	4.28
4	Melting point	149 – 151 ⁰ C	150.2 ⁰ C
5	Loss on drying(110°C)	0.2 % max	0.10%
6	Residue on ignition (SO ₄ , 900 °C)	0.2% max	0.11%
7	Absorption maxima of 1M aq.soln.	260nm – 0.05 max 280nm – 0.05 max	260nm – 0.047 280nm – 0.046

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**



[QC Incharge]



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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.