



CERTIFICATE OF ANALYSIS

Date: 07/10/15

PRODUCT NAME : TRIS-HYDROCHLORIDE GR

CAS No : 1185-53-1
Mol. Formula : $C_4H_{11}NO_3.HCl$
Mol. WT : 157.60
Exp. : Sept. 2020

Product code : 54240
Batch No : MCR-10437
Mfd. : Oct. 2015

S.R	Test	Specification	Observation
1	Assay(Cl)	99 % min	99.59 %
2	pH (0.5 M in water, 20°C)	3.5 - 5.0	4.21
3	Melting point	149 – 151 ⁰ C	150.9 ⁰ C
4	Loss on drying(110°C)	0.2 % max	0.11 %
5	Residue on ignition (SO ₄ , 900 °C)	0.2% max	0.16%
6	Absorption max. (1 M in aq. soln)	260nm – 0.05 max 280nm – 0.05 max	260nm – 0.017 280nm – 0.016

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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