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## Certificate of Analysis

<b>Product</b>	<b>99438 - Tris Hydrochloride (Tris HCl) extrapure AR, 99% - [1185-53-1]</b>
<b>Batch No</b>	<b>7587286</b>
<b>Analysis Date</b>	24-Oct-2019
<b>Date of Manufacture</b>	October 2019
<b>Expiry Date/Re-Test Date</b>	October 2024
<b>Molecular Formula</b>	C4H11NO3.HCl
<b>Molecular Weight</b>	157.60

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 40% aq. solution	Clear	Clear
Solubility (Colour) 40% aq. solution	Colourless	Colourless
Assay	min. 99%	99.5%
Melting Point	149 - 151°C	150°C
Loss on drying	max. 0.1%	0.06%
Sulphated Ash	max. 0.05%	0.002%
Sulphate (SO4)	max. 0.01%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Absorbance (A) of 40% aq. solution in a 1cm cell v/s H2O		
@290nm	max. 0.05	0.020
@280nm	max. 0.1	0.023
@260nm	max. 0.1	0.031

FRM/82/11/4/99438 Rev No. 1 Date 01/11/2015

Prepared by **Nikhil**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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