

CERTIFICATE OF ANALYSIS

Product : **TRIS Hydrochloride**
 Product number : T1513
 Batch number : 012551
 Date of production : 04-11-2015
 Date of expiry : 30-11-2019
 Packaging and storage : in a well closed container

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline solid	complies		
Absorbance	≤ 0.060	0.025		1 M, 260 nm
Absorbance	≤ 0.050	0.020		1 M, 280 nm
Identity	conform	complies		IR-spectrum
Insoluble matter	≤ 0.005	< 0.005	%	
Loss on drying	≤ 0.5	0.18	%	3 hrs 105 °C
Melting point	149 – 153	150.7	°C	
pH	3.5 – 5.0	4.9		0.5 M H ₂ O 25°C
pKa	8.0 – 8.4	8.23		1M H ₂ O 20°C
Residue on ignition	≤ 0.1	< 0.1	%	
Solubility	clear, colourless	complies		1M H ₂ O 20°C
Assay	99.0 – 101.0	100.53	%	titration

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist
 Department of Quality Control Duchefa B.V.

Date: 25-11-2016



The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.