

## CERTIFICATE OF ANALYSIS

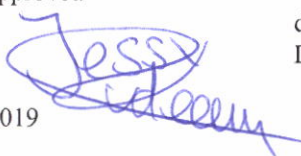
Product : **TRIS Hydrochloride**  
 Product number : T1513  
 Batch number : 014664  
 Date of analysis : 03-06-2019  
 Date of expiry : 30-06-2024  
 Packaging and storage : in a well closed container

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder	complies		
Water	≤ 0.5	0.22	%	
pH	3.5 – 5.0	4.8		0.5 M H <sub>2</sub> O 25°C
Melting point	150 – 155	150.9 – 152.8	°C	
Assay	99.0 – 101.0	99.53	%	titration

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

Conclusion: approved

Released by:



drs. J. van der Eem, pharmacist  
 Department of Quality Control Duchefa B.V.

Date: 13-06-2019

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