

CERTIFICATE OF ANALYSIS

Product : **Bis-Tris buffer grade**
 Product number : B1516
 Batch number : 013355
 Date of analysis : 07-12-2017
 Date of expiry : 30-06-2021

Packaging and storage : store in a well-closed container at room temperature

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder	complies		
Solubility in water	clear and colourless	complies		1M
pH	9.0 – 11.0	10.2		1M in H ₂ O
Pka	6.3 – 6.7	6.6		25 °C
Heavy metals	≤ 10	< 1	ppm	
Residue in ignition	≤ 0.1	< 0.1		
Moisture	≤ 1.0	0.3	%	
Assay	≥ 99.0	100.2	%	Titration, anhydrous

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: 12-12-2017

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