

## CERTIFICATE OF ANALYSIS

Product : **BES**  
**N,N-BIS(2-HYDROXYETHYL)-2-AMINOETHANESULFONIC ACID**  
 Product number : B1514  
 Batch number : 013511  
 Date of analysis : xx-01-2018  
 Date of expiry : 31-01-2021

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder	complies		
Solubility	clear and colourless	complies		H <sub>2</sub> O
pKa	6.9 – 7.3	7.1		20°C
Loss on drying	≤ 0.5	0.3	%	105°C
Assay	≥ 99	99.8	%	dried substance

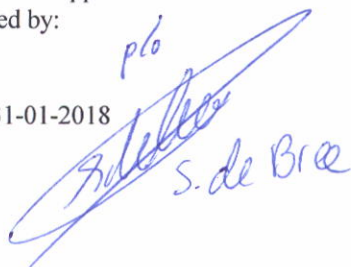
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

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

Date: 31-01-2018

*plb*  
  
 S. de Bræ

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