

CERTIFICATE OF ANALYSIS

Product : **BES**
N,N-BIS(2-HYDROXYETHYL)-2-AMINOETHANESULFONIC ACID
 Product number : B1514
 Batch number : 011134
 Date of analysis : xx-03-2015
 Date of expiry : 31-03-2018

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder	complies		
Solubility	soluble in water, clear and colourless	complies		
pKa	6.9 – 7.3	7.1		20°C
pH	6.4 – 7.8	complies		
Loss on drying	≤ 1.0	0.5	%	2h, 100°C
UV absorbance:				
- A 260 nm	≤ 0.10	0.0210		
- A 280 nm	≤ 0.08	0.0177		
Assay	≥ 99	100.5	%	titration

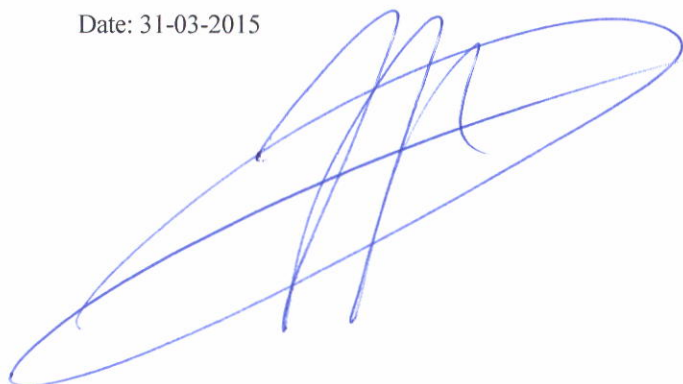
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

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

Date: 31-03-2015



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