CERTIFICATE OF ANALYSIS

Product	:	**BES** **N,N-BIS(2-HYDROXYETHYL)-2-AMINOETHANESULFONIC ACID**
Product number	:	B1514
Batch number	:	014477
Date of analysis	:	02-04-2019
Date of expiry	:	30-04-2022
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 complete	complies		H_2O
pKa	6.9 – 7.3	7.1		20°C
Loss on drying	≤ 1.0	0.4	%	105°C
UV absorbance	≤ 0.1	0.024	AU	1M aq. Sol., 1 cm cell, 260 nm
Assay	≥ 99	100.0	%	dried substance

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

Conclusion: approved
Released by:

drs. Q. de Hoog, pharmacist
Department of Quality Control Duchefa B.V.

Date: 08-04-2019

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

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