# CERTIFICATE OF ANALYSIS

| | | |
|---|---|---|
| Product | : | **BES**<br>**N,N-BIS(2-HYDROXYETHYL)-2-AMINOETHANESULFONIC ACID** |
| Product number | : | B1514 |
| Batch number | : | 012878 |
| Date of analysis | : | xx-04-2017 |
| Date of expiry | : | 30-04-2020 |
| 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 | | $H_2O$ |
| pKa | 6.9 – 7.3 | 7.1 | | 20°C |
| Loss on drying | ≤ 0.5 | 0.5 | % | 105°C |
| Assay | ≥ 99 | 100.5 | % | 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: 18-04-2017

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

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