

## CERTIFICATE OF ANALYSIS

Product : **ETHYLENEDIAMINETETRAACETATE DISODIUM DIHYDRATE**  
 Product number : E0511  
 Batch number : 011769  
 Date of production : 19-11-2015  
 Date of analysis : 04-12-2015  
 Date of expiry : 30-11-2018

Packaging and storage : in a well-closed container, protected from light

|                             | SPECIFICATION            | RESULT   | UNITS | REMARKS                |
|-----------------------------|--------------------------|----------|-------|------------------------|
| Appearance                  | white crystalline powder | complies |       |                        |
| Identification              | conform                  | complies |       |                        |
| pH                          | 4.0 – 5.5                | 4.7      |       | 5% in H <sub>2</sub> O |
| Iron (Fe)                   | ≤ 80                     | < 80     | ppm   |                        |
| Heavy metals                | ≤ 20                     | < 20     | ppm   |                        |
| Calcium (Ca)                | conform                  | complies |       |                        |
| Assay nitrilotriacetic acid | ≤ 0.1                    | < 0.1    | %     | HPLC                   |
| Assay                       | 99.0 – 101.0             | 99.4     | %     | 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: 23-12-2015



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