

## CERTIFICATE OF ANALYSIS

Product : **DISODIUM HYDROGEN PHOSPHATE DIHYDRATE**  
 Product number : S0537  
 Batch number : 017025  
 Date of production : 11-02-2021  
 Date of expiry : 28-02-2026

Packaging and storage : store at room temperature

|                             | SPECIFICATION       | RESULT   | UNITS | REMARKS         |
|-----------------------------|---------------------|----------|-------|-----------------|
| Appearance                  | colourless crystals | complies |       |                 |
| Identification              | conform             | complies |       |                 |
| Appearance of solution      | conform             | complies |       | 5%              |
| Reducing substances         | conform             | complies |       |                 |
| Monosodium phosphate        | ≤ 2.5               | < 0.5    | %     |                 |
| Chloride (Cl)               | ≤ 400               | < 400    | ppm   |                 |
| Sulphate (SO <sub>4</sub> ) | ≤ 0.1               | < 0.1    | %     |                 |
| Arsenic (As)                | ≤ 1                 | < 1      | ppm   |                 |
| Iron (Fe)                   | ≤ 20                | < 20     | ppm   |                 |
| Lead (as Pb)                | ≤ 0.5               | < 0.5    | ppm   |                 |
| Loss on drying              | 19.5 – 21.0         | 20.1     | %     | 130 °C          |
| Assay                       | 98.0 – 101.0        | 99.9     | %     | 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: 20-05-2022



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

Duchefa Biochemie B.V.