

CERTIFICATE OF ANALYSIS

Product : **AMPICILLIN SODIUM**
 Product number : A0104
 Batch number : 018677
 Date of manufacturing : 08-04-2022
 Date of expiry : 30-04-2026

Packaging and storage : store dry at 2 – 8 °C in an airtight container, protected from light

| | SPECIFICATION | RESULT | UNITS | REMARKS |
|---------------------------|------------------------------|----------|-------|---------------------|
| Description | white or almost white powder | complies | | |
| Identification: | | | | |
| -IR-spectrum | conform | complies | | |
| -Sodium | conform | complies | | |
| Appearance of solution | conform | complies | | |
| pH | 8.0 – 10.0 | 9.7 | | |
| Specific Optical rotation | +258 – +287 | +275 | ° | |
| Related substances | conform | complies | | HPLC |
| 2-Ethylhexanoic acid | ≤ 0.8 | 0.2 | % | |
| Methylene chloride | ≤ 0.2 | complies | % | |
| Water | ≤ 2.0 | 0.4 | % | Karl Fischer |
| Assay | 91.0 – 102.0 | 99.1 | % | anhydrous substance |

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

Conclusion: approved

Released:

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

Date: 12-08-2024

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

Duchefa Biochemie B.V.