

CERTIFICATE OF ANALYSIS

Product : **PENICILLIN G SODIUM**
 Product number : P0142
 Batch number : 016868
 Date of production : 27-04-2021
 Date of analysis : 13-05-2021
 Date of expiry : 30-04-2025

Packaging and storage : keep in a well-closed container, protected from moisture and at a temperature not exceeding 30°C

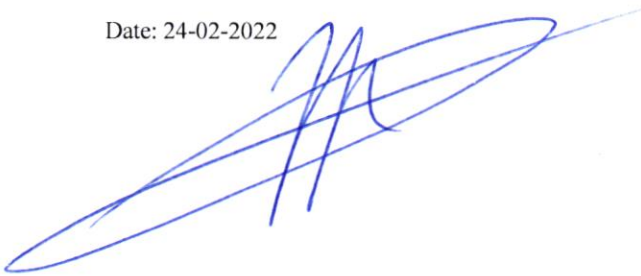
| | SPECIFICATION | RESULT | UNITS | REMARKS |
|-----------------------------------|---|----------|-------|---------|
| Appearance | white or almost white crystalline powder | complies | | |
| Solubility | very soluble in water, practically insoluble in fatty oils and in liquid paraffin | complies | | |
| Identification | conform | complies | | |
| pH | 5.5 – 7.5 | 6.6 | | |
| Related substances: | | | % | UV |
| - Impurity E(sum of the isomers): | ≤ 2.0 | complies | | |
| - Impurity B: | ≤ 0.5 | complies | | |
| - Impurity A,C,G,D,H: | ≤ 0.2 | complies | | |
| Total impurities | ≤ 3.0 | 0.29 | % | |
| Loss on drying | ≤ 1.0 | 0.18 | % | |
| Assay | 95.0 – 102.0 | 99.1 | % | |

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: 24-02-2022



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

Duchefa Biochemie B.V.