

CERTIFICATE OF ANALYSIS

Product : **MANNITOL (D-)**
 Product number : M0803
 Batch number : 015350
 Date of analysis : 16-07-2019
 Date of expiry : 31-07-2024

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

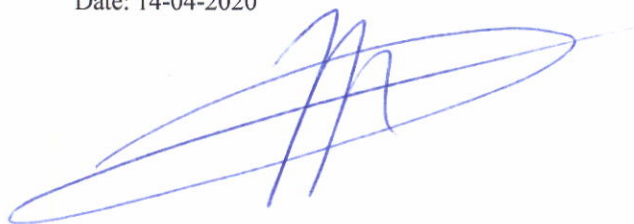
| | SPECIFICATION | RESULT | UNITS | REMARKS |
|--------------------------------------|-----------------------------------------------------|----------|-------|-------------------------|
| Appearance | white crystalline powder, odourless, sweet taste | complies | | |
| Melting point | 165.0 – 170.0 | 169 | °C | |
| Identification: - C (IR-spectrum) | conform | complies | | |
| Appearance of solution | clear and colourless | complies | | 10% in H ₂ O |
| Conductivity | ≤ 20.0 | 1.8 | μS/cm | 20% in H ₂ O |
| Reducing sugars | ≤ 0.1 | 0.1 | % | |
| Related substances | conform | complies | | HPLC |
| Loss on drying | ≤ 0.5 | 0.1 | % | |
| Assay | 97.0 – 102.0 | 99.1 | % | HPLC |

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

Conclusion: approved

Released by: drs. M. van Wissen, pharmacist
Department of Quality Control Duchefa B.V.

Date: 14-04-2020



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

Duchefa Biochemie B.V.