

CERTIFICATE OF ANALYSIS

Product

MANNITOL (D-)

Product number Batch number

M0803 013541

Date of analysis Date of expiry

28-11-2017 30-11-2022

Packaging and storage

in a well-closed container, protected from light

| Appearance | SPECIFICATION white crystalline powder, odourless, | RESULT complies | UNITS | REMARKS |
|------------------------|--|-----------------|-------|-------------------------|
| Melting point | sweet taste 165.0 – 170.0 | 167 | °C | |
| Identification: | | | | |
| - C (IR-spectrum) | conform | complies | | |
| Appearance of solution | clear and colourless | complies | | 10% in H ₂ O |
| Conductivity | ≤ 20.0 | 2.5 | μS/cm | 20% in H ₂ O |
| Reducing sugars | ≤ 0.1 | < 0.1 | % | |
| Related substances | conform | complies | | HPLC |
| Nickel | ≤ 1.0 | complies | ppm | |
| Loss on drying | ≤ 0.5 | 0.06 | % | |
| Assay | 98.0 - 102.0 | 99.2 | % | HPLC |

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: 14-02-2018

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

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