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Certificate of Analysis

Product Name Sucrose, BP, EP, USP grade Glentham Code GC3219 **CAS Number** 57-50-1 **EINECS** 200-334-9 MDL Number MFCD00006626 287ZAO **Batch Number** 342.30 Molecular Weight Molecular Formula $C_{12}H_{22}O_{11}$ Storage Temp.

| Property | Specification | Batch 287ZAO |
|--------------------------------|--|----------------------------|
| Physical Description | White crystalline powder or colourless crystals White crystalline powder | |
| Identification | A, B, C according to BP, EP, USP | Conforms |
| Solubility (50% in water) | Clear, colourless solution | Clear, colourless solution |
| Conductivity | ≤ 35µS/cm (20°C) | ≤ 35µS/cm |
| Specific Optical Rotation | +66.3 - +67.0 ° (26g in 100ml) | +66.7° |
| Colour | ≤ 45 | Conforms |
| Reducing Sugars | To pass BP, EP, USP tests | Conforms |
| Sulphites (as SO2) | ≤ 10ppm (also to pass USP test) | Conforms |
| Lead (Pb) | ≤ 0.1ppm | ≤ 0.1ppm |
| Arsenic (As) | ≤ 0.1ppm | ≤ 0.1ppm |
| Copper (Cu) | ≤ 1ppm | ≤ 1ppm |
| Residue on Ignition | ≤ 0.05% | ≤ 0.05% |
| Loss on Drying | ≤ 0.1% | < 0.1% |
| Content | ≥ 99.8% (sucrose, as is) | ≥ 99.9% |
| Pharmacopoeia Specification(s) | BP, EP, USP | Conforms |
| Mean Particle Size | 0.53 - 0.67 mm | Conforms |

Specification Version v1.0

Manufacture Date 2024-03-12

Re-Test Date 2031-03-07

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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