

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

t: +44 (0) 1225 667 798 f: +44 (0) 2033 978 909 e: info@glentham.com w: www.glentham.com

Certificate of Analysis

Product Name beta-Lactose Glentham Code GC5831 **CAS Number** 5965-66-2 **EINECS** 227-751-9 MDL Number MFCD00064521 PubChem SID 310275677 Batch Number 868ZPX Molecular Weight 342.30 Molecular Formula $C_{12}H_{22}O_{11}$ +20°C Storage Temp.

Property Specification Batch 868ZPX Physical Description White to off-white powder White powder Solubility (5% in water) Clear, colourless solution Conforms Heavy Metals (as Pb) Conforms ≤ 5ppm 0.0% Sulphated Ash ≤ 0.1% 0.1% ≤ 1.0% Loss on Drying alpha-Lactose ≤ 30% 22% beta-Lactose ≥ 70% 79% Lactose ≥ 98% ≥ 99%

Specification Version v1.0

Manufacture Date 2017-03-07

Re-Test Date 2027-02-13

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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