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## **Product Specification**

Product Name HEPES, 99.5%, GlenCell™, suitable for

cell culture

 Glentham Code
 GM5581

 CAS Number
 7365-45-9

 EINECS
 230-907-9

 MDL Number
 MFCD00006158

 $\begin{array}{lll} \mbox{Molecular Weight} & 238.31 \\ \mbox{Molecular Formula} & \mbox{C}_8\mbox{H}_{18}\mbox{N}_2\mbox{O}_4\mbox{S} \\ \mbox{Storage Temp.} & +20^{\circ}\mbox{C} \end{array}$ 

Property Specification Physical Description White crystalline powder Solubility (25% in water) Clear, colourless solution 5.0 - 6.5 pH (5% in water) Heavy Metals (as Pb) ≤ 5ppm Residue on Ignition ≤ 0.1% UV Absorption (1M in water) 260nm: ≤ 0.05 280nm: ≤ 0.04 405nm: ≤ 0.01 ≤ 0.3% Loss on Drying **Endotoxins** ≤ 50EU/g 99.5 - 100.5 % (dried basis) Assay (Titration)

Specification Version - v1.0

Date Created - 2016-10-11

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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Page 1 of 1 Printed: 2025-05-02 07:37:52