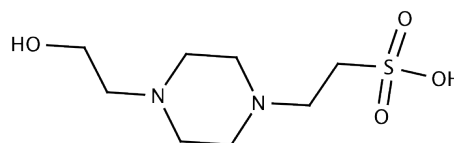


Product Specification

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
Molecular Weight	238.31
Molecular Formula	C ₈ H ₁₈ N ₂ O ₄ S
Storage Temp.	+20°C



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

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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