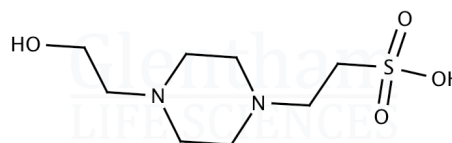


## Product Specification

Product Name	HEPES
Glentham Code	GB3086
CAS Number	7365-45-9
EINECS	230-907-9
MDL Number	MFCD00006158
PubChem SID	310274501
Molecular Weight	238.31
Molecular Formula	$C_8H_{18}N_2O_4S$
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Solubility (1M in water)	Clear, colourless solution
pH (5% in water)	5.0 - 6.5
Loss on Drying	≤ 0.5%
UV Absorption (1M in water)	260nm: ≤ 0.05 280nm: ≤ 0.04 405nm: ≤ 0.01
Residue on Ignition	≤ 0.1%
Heavy Metals (as Pb)	≤ 5ppm
Assay (Titration)	≥ 99.5% (dried basis)
Specification Version	- v1.1
Date Created	- 2015-11-16

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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