

Product Datasheet

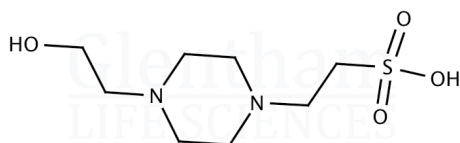
GM5581 - HEPES, 99.5%, GlenCell™, suitable for cell culture

Product Details

| | |
|--------------------|---|
| 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 |
| Related Categories | Biochemicals, Buffers, Raw Materials (IVD), PCR, Reagents for Cell Culture, Reagents for Northern and Southern Blotting |

Structure

| | |
|-------------------|--|
| Molecular Weight | : 238.31 |
| Molecular Formula | : C ₈ H ₁₈ N ₂ O ₄ S |



Glentham Product 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) |
| Version | : v1.0 |

About HEPES, 99.5%, GlenCell™, suitable for cell culture

HEPES is a sulfonic acid buffering agent and one of Good's buffers. It is often used in cell culture due to its ability to maintain the pH of aqueous solutions despite changes in external carbon dioxide concentration.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

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