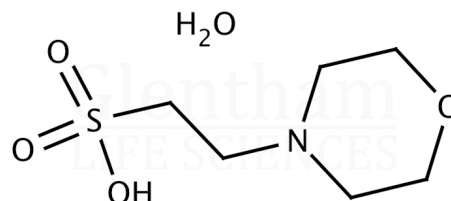


Product Specification

| | |
|-------------------|-----------------------------|
| Product Name | MES monohydrate |
| Glentham Code | GB1307 |
| CAS Number | 145224-94-8 |
| EINECS | 224-632-3 |
| MDL Number | MFCD00149409 |
| PubChem SID | 310276187 |
| Additional CAS | 1266615-59-1 |
| Molecular Weight | 213.26 |
| Molecular Formula | $C_6H_{13}NO_4S \cdot H_2O$ |
| Storage Temp. | +20°C |



| Property | Specification |
|-------------------------------|---|
| Physical Description | Colourless crystals or white crystalline powder |
| Identification (IR) | To conform to standard |
| Solubility (0.1M in water) | Clear, colourless solution |
| pH (1% in water) | 3.0 - 4.5 |
| Heavy Metals (as Pb) | ≤ 5ppm |
| Residue on Ignition | ≤ 0.1% |
| UV Absorbance (0.5M in water) | ≤ 0.15 (A260) |
| UV Absorbance (0.5M in water) | ≤ 0.10 (A280) |
| Water | 8.0 - 9.5 % |
| Assay (Titration) | 98.5 - 101.5 % |
| Specification Version | - v1.1 |
| Date Created | - 2019-09-26 |

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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