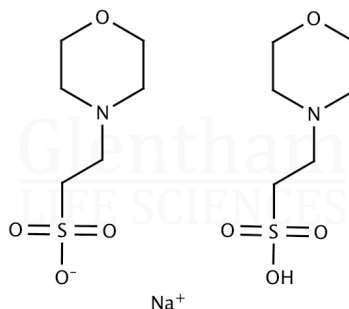


## Certificate of Analysis

|                   |                              |
|-------------------|------------------------------|
| Product Name      | MES hemisodium salt          |
| Glentham Code     | GB7345                       |
| CAS Number        | 117961-21-4                  |
| MDL Number        | MFCD00079460                 |
| PubChem SID       | 310276185                    |
| Batch Number      | 677TSD                       |
| Molecular Weight  | 206.73                       |
| Molecular Formula | $C_6H_{13}NO_4S \cdot 0.5Na$ |
| Storage Temp.     | +20°C                        |



| Property                     | Specification                | Batch 677TSD |
|------------------------------|------------------------------|--------------|
| Physical Description         | White crystalline powder     | Conforms     |
| Identification (IR)          | To conform to standard       | Conforms     |
| Solubility (10% in water)    | Clear, colourless solution   | Conforms     |
| pH (1% in water)             | 5.5 - 6.5                    | 6.0          |
| UV Absorbance (10% in water) | ≤ 0.020 (280nm)              | 0.015        |
| UV Absorbance (10% in water) | ≤ 0.040 (260nm)              | 0.035        |
| Heavy Metals                 | ≤ 5ppm                       | Conforms     |
| Water                        | ≤ 6.0%                       | 2.6%         |
| Assay (Titration)            | 99.0 - 101.0 % (dried basis) | 99.6%        |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2016-09-09 |
| Re-Test Date          | 2026-02-14 |

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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