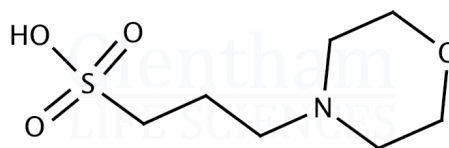


## Certificate of Analysis

Product Name MOPS, 99.5%  
Glentham Code GB3672  
CAS Number 1132-61-2  
EINECS 214-478-5  
MDL Number MFCD00006183  
PubChem SID 310277297  
Batch Number 035WCB

Molecular Weight 209.27  
Molecular Formula  $C_7H_{15}NO_4S$   
Storage Temp. +20°C



| Property                    | Specification               | Batch 035WCB               |
|-----------------------------|-----------------------------|----------------------------|
| Physical Description        | White crystalline powder    | White crystalline powder   |
| Identification (IR)         | To conform to standard      | Conforms                   |
| Solubility (20% in water)   | Clear, colourless solution  | Clear, colourless solution |
| pH (1% in water)            | 3.6 - 4.4                   | 4.3                        |
| UV Absorption (1M in water) | 260nm: $\leq 0.05$          | 0.01                       |
|                             | 280nm: $\leq 0.03$          | 0.01                       |
| Loss on Drying              | $\leq 1.0\%$                | 0.1%                       |
| Assay (Titration)           | $\geq 99.5\%$ (dried basis) | 100.1%                     |

Specification Version v1.1  
Manufacture Date 2023-09-27  
Re-Test Date 2032-09-02

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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