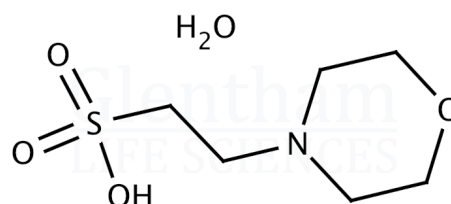


Certificate of Analysis

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
Batch Number 293QFC

Molecular Weight 213.26
Molecular Formula $C_6H_{13}NO_4S \cdot H_2O$
Storage Temp. +20°C



Property	Specification	Batch 293QFC
Physical Description	Colourless crystals or white crystalline powder	White crystalline powder
Identification (IR)	To conform to standard	Conforms to standard,
Solubility (0.1M in water)	Clear, colourless solution	Clear, colourless solution
pH (1% in water)	3.0 - 4.5	3.8
Heavy Metals (as Pb)	≤ 5ppm	≤ 5ppm
Residue on Ignition	≤ 0.1%	≤ 0.1%
UV Absorbance (0.5M in water)	≤ 0.15 (A260)	0.14
UV Absorbance (0.5M in water)	≤ 0.10 (A280)	0.06
Water	8.0 - 9.5 %	8.6%
Assay (Titration)	98.5 - 101.5 %	99.9%

Specification Version v1.1
Manufacture Date 2024-05-16
Re-Test Date 2032-06-11

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025