Certificate of Quality

Product Name: **MES monohydrate**

Product Number: M6010T

Lot Number: 2025/01

CAS Number: 145224-94-8

Formula: $C_6H_{13}NO_4S.H_2O$

Formula Weight: 213.25 g/mol

Quality Release Date: 2025/01

Recommended Retest Date: 2026/12

Test	Specification	Result
Abs.@260nm (1M, Water)	≤ 0.02	0.01
Abs.@280nm (1M, Water)	≤ 0.02	0.01
DNase	NONE / Fail	NONE
Identification	PASS / Fail	PASS
Moisture (KF)	≤ 10.0 %	6.10%
pKa @25C	5.9 - 6.3	6.2
Protease	NONE / Fail	NONE
Purity (Dry Basis,Titration)	≥ 99.0 %	99.90%
RNase	NONE / Fail	NONE
Solubility (1M, Water)	PASS / Fail	PASS

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Conclusion: The product complies with enterprise standard.

Qc manager