

BUFFERS
BY

SORACHIM

MES (2-(N-morpholino)ethanesulfonic acid)

MES-001

SPECIFICATIONS

CAS	4432-31-9
Molecular weight:	195.24
Molecular formula:	C ₆ H ₁₃ NO ₄ S
Appearance:	White powder
Assay:	> 99 %
Solubility (0.5M, H ₂ O):	Clear and complete
Water (K.F):	< 1 %
UV data (0.5M, H ₂ O):	A ₂₆₀ < 0.02 A ₂₈₀ < 0.02
pKa (25 °C):	5.9 - 6.3
pH (0.5M, H ₂ O):	2.5 - 4.0
Storage:	Room temperature. Protect from moisture
Stability:	At least 2 years at RT.

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