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Product Specifications

Catalogue Number	42457
Product	MES 2-(<i>N</i> -Morpholino)ethanesulfonic acid 2-Morpholinoethanesulfonic acid
CAS Number	4432-31-9
Molecular Formula	C ₆ H ₁₃ NO ₄ S
Molecular Weight	195.24

Appearance	White powder
Solubility	Clear and complete solution (10% in water)
pH	2.8 - 4.0
pKa	5.9 - 6.3 at 25 °C
Infrared Spectrum	Conforms to structure
UV Ratios	UV Abs. at 10% in Water : A _{260 nm} : ≤ 0.1 A _{280 nm} : ≤ 0.1
Loss on Drying	≤ 1% (140 °C, 30 mins)
Assay by titration	≥ 99% (Dried basis)
Grade	Suitable for cell culture
Storage	Store at RT

For Laboratory Use Only