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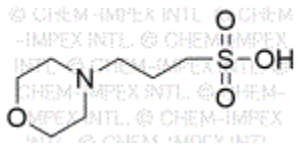
Product Specifications



Catalogue Number	00217
Product	**3-N-Morpholinopropanesulfonic acid**
	3-Morpholinopropanesulfonic acid
	MOPS
CAS Number	1132-61-2
Molecular Formula	$C_7H_{15}NO_4S$
Molecular Weight	209.3

Appearance	White powder or crystalline powder
Solubility	Clear and complete solution (33% in H2O)
Heavy Metals	≤ 5 ppm (as Pb)
pH	3.6 to 4.4 (1% in Water)
pKa	7.0 to 7.4 at 25 °C
Infrared Spectrum	Conforms to reference
Loss on Drying	≤ 1.0 (140 °C, 30 min.)
UV absorption	@ 260 nm (1M in H2O): ≤ 0.05 @ 280 nm (1M in H2O): ≤ 0.05
Assay by titration	≥ 99.5% (Dried basis)
Storage	Store at RT

For Laboratory Use Only