

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

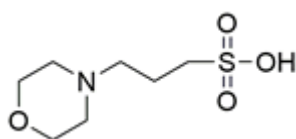
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	38769
Product	MOPS 3-Morpholinopropanesulfonic acid 3-N-Morpholinopropanesulfonic acid
CAS Number	1132-61-2
Molecular Formula	C ₇ H ₁₅ NO ₄ S
Molecular Weight	209.30

Appearance	White powder
Solubility	Clear and complete solution (33% in Water)
Heavy Metals	≤ 5 ppm (as Pb)
pH	3.6 - 4.4
pKa	7.0 - 7.4 at 25 °C
Infrared Spectrum	Conforms to structure
UV Ratios	UV Abs. at 1 M in Water A _{260 nm} : ≤ 0.05 A _{280 nm} : ≤ 0.03
Loss on Drying	≤ 1% (140 °C, 30 min.)
Assay by titration	≥ 99% (Dried basis)
Grade	Suitable for cell culture
Storage	Store at RT

For Laboratory Use Only