EUROMEDEX

CERTIFICATE OF ANALYSIS

MOPS

Morpholinopropanesulfonic acid; 3-(N-Morpholino)propanesulfonic acid

High purity, free acid

Ref. EU0034

MOPS free acid is a biological buffer (zwitterionic) designed by Good et al., and typically referred to as Good's buffer useful in cell culture media formulations. Selection of biological buffer systems should include the following criteria: exclusion by biological membranes, low absorption between 240 and 700 nm, chemically stable, and stable to temperature and concentrations changes

CAS N°:	[1132-61-2]
Formula:	$C_7 H_{15} N O_4 S$
MW:	209.27
Appearance:	White crystalline powder
Purity:	≥99.0 % (dried basis)
Solubility (10%):	Clear, colorless and complete
pH(1M,water):	2.5-4.0
Absorbance:	≤0.05 260nm (1M aq.)
	≤0.03 280nm (1M aq.)
Loss on drying:	≤1.0 % (110°C)
Heavy metals:	≤5 ppm
Storage:	Store at room temperature. Protect from moisture
Handling/Safety:	Avoid contact with eyes, skin and clothing. Not classified.

Intended for research use only, not for use in human, therapeutic or diagnostic applications

EUROMEDEX

24, rue des Tuileries
BP684 67460 SOUFFELWEYERSHEIM
Tél. : 03 88 18 07 22 Fax.: 03 88 18 07 25
www.euromedex.com / research@euromedex.com