

# Specification

**Formula Hill:**  $C_7H_{15}NO_4S$   
**Molar Mass:** 209,30 g/mol  
**CAS N°:** 1132-61-2

**109171 MOPS, molecular biology grade**

	Specification
Assay (titration)	≥ 99,5 %
Appearance	white crystalline powder
pH value (0,1 M in water)	3,5 - 4,5
pKa	7,0 - 7,4
Solubility	passes test
Fe (Iron)	≤ 0,0001 %
Pb (Lead)	≤ 0,001 %
Absorbance	
Absorption (0,1M H <sub>2</sub> O, 260 nm)	≤ 0,05
Absorption (0,1M H <sub>2</sub> O, 280 nm)	≤ 0,05
Loss on drying	≤ 1,0 %
DNases/RNases/Proteases	none detected

This data sheet is representative of the current specifications for this product at the time of printing.  
 Product specifications are subject to amendment and may change over time. Please check the certificate of analysis for information on specific lots..