

Specification



MOPS Molecular biology grade

A2947

Synonym	3-Morpholinopropanesulfonic acid
useful pH range	pH 6.5 - 7.9
pK_a (25°C)	7.2
Melting point	> 250°C
Formula	C ₇ H ₁₅ NO ₄ S
M	209.27 g/mol
CAS-No.:	1132-61-2
HS-No.:	29349990
EC-No.:	214-478-5
Storage:	RT
LGK:	10 - 13
Disposal:	3
WGK:	1
Specification	
DNases/RNases/Proteases	not detectable
Assay (titr.)	min. 99.5 %
pH (0.1 M; H₂O)	3.5 - 4.5
Fe	max. 0.0001 %
Pb	max. 0.001 %
A (1 cm/0.1 M in H₂O)	
260 nm	max. 0.05
280 nm	max. 0.05