



CERTIFICATE OF ANALYSIS

Product	MOPS, free acid
Grade	High purity
Formula	$C_7H_{15}NO_4S$
M.W.	209.27
Product Code	MB0360
CAS#	1132-61-2
Lot. No	

Test Items	Specification	Actual Results
Appearance	White crystalline powder	Conforms
Assay (on dried basis)	$\geq 99.0\%$	99.24%
Solubility	Clear, colorless solution	Conforms
Absorbance (1M aq.) 260nm	≤ 0.05	0.027
Absorbance (1M aq.) 280nm	≤ 0.03	0.023
Loss on Drying (at 110°C)	$\leq 1.0\%$	0.38%
pH (1M aq.)	3.6-4.4	3.82
Heavy Metals (as Pb)	$\leq 5\text{ppm}$	$< 5\text{ppm}$

Storage: 18~25°C. Protect from moisture