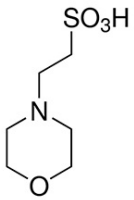
HOPAX
FINE CHEMICALS

Specifications MES-C

Product Name	MES-C
Chemical Name	2-(N-Morpholino)-Ethanesulfonic Acid
CAS No	4432-31-9
Molecular Formula	$C_6H_{13}NO_4S$
Molecular Weight	195.24
Structure	

PKa值/PKa-25℃	5.90 ~ 6.30
UV吸收值/UV(Abs)-A260nm (10% in H2O)	≦0.10
UV吸收值/UV(Abs)-A280nm (10% in H2O)	≦0.10
乾燥減重/LOD(%)-140℃ , 30 mins	≦1.0
元素/Element-Fe (ppm)	≦5
元素/Element-Na (ppm)	≦20
外觀 (Appearance)-White powder	PASS
氯/Cl content-(ppm)	≦10
溶解度 /Solubility-Clear and Complete (10% in H2O)	PASS
硫酸根/ Sulfate-(ppm)	≦50
純度/Assay(%)-Titration, dried basis	≧99.0
酸鹼值/pH-10% in H2O	2.8 ~ 4.0
鑑別/Identification-IR, Conforms to known standard	PASS

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