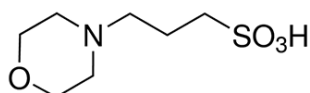


Specifications

MOPS

Product Name	MOPS
Chemical Name	3-(N-Morpholino)-Propanesulfonic Acid
CAS No	1132-61-2
Molecular Formula	C ₇ H ₁₅ NO ₄ S
Molecular Weight	209.26

Structure



PKa值/PKa-25°C	7.00 ~ 7.40
UV吸收值/UV (Abs)-A260nm (1M in H ₂ O)	≅0.05
UV吸收值/UV (Abs)-A280nm (1M in H ₂ O)	≅0.03
乾燥減重/LOD (%) -140°C , 30 mins	≅1.0
外觀 (Appearance) -White powder	PASS
水份/Water content-KF (%)	≅0.10
溶解度 /Solubility-Clear and Complete (33% in H ₂ O)	PASS
純度/Assay (%) -Titration, dried basis	≅99.5
酸鹼值/pH-1% in H ₂ O	3.6 ~ 4.4
重金屬/Heavy Metals-(ppm) as Pb	≅5.00
鑑別/Identification-IR, Conforms to known standard	PASS