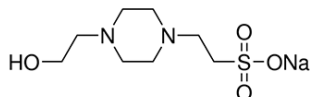


Specifications

HEPES. Na

Product Name	HEPES. Na
Chemical Name	N-(2-Hydroxy ethyl)-Piperazine ethane Sulfonic acid Sodium Salt
CAS No	75277-39-3
Molecular Formula	C ₈ H ₁₇ N ₂ O ₄ SNa
Molecular Weight	260.29

Structure



PKa值/PKa-25℃	7.35 ~ 7.75
UV吸收值/UV (Abs)-A260nm (1M in H ₂ O)	≅ 0.20
UV吸收值/UV (Abs)-A280nm (1M in H ₂ O)	≅ 0.20
乾燥減重/LOD (%) -140℃ , 30 mins	≅ 1.5
外觀 (Appearance) -White powder	PASS
溶解度 /Solubility-Clear and Complete (1M in H ₂ O)	PASS
純度/Assay (%) -Titration, dried basis	≅ 99.0
酸鹼值/pH-1M in H ₂ O	10.0 ~ 12.0