



CERTIFICATE OF ANALYSIS

Product	HEPES, Sodium Salt
Grade	High Purity
Product Code	HB0265
Formula	C ₈ H ₁₇ N ₂ O ₄ SNa
MW	260.30
CAS#	75277-39-3
Batch No	

Test Items	Specifications	Results
Appearance	White powder	
Assay(Titration, Dry Basis)	≥99.0%	
Loss on Drying (110°C, 3hr)	≤3.0%	
Infrared	Complies	
pH (1% Di H ₂ O, 25°C)	9.5 ~ 10.5	
Solubility(0.1M,Water)	Clear colorless solution	
A ₂₆₀ (1M water)	≤0.2	
A ₂₈₀ (1M water)	≤0.2	
A ₄₄₀ (1M water)	≤0.2	
Heavy metals(as Pb)	≤5ppm	

Storage: Store at room temperature. Protect from moisture