

## Specification Sheet

Product Name: **HEPES sodium salt**  
Specifications & Purity: **≥99.5% (titration)**  
SKU #: **H100305**

Parameter	Limit Values
UV Absorbance 260nm(c = 1 M)	0-0.4
UV Absorbance 280nm(c = 1 M)	0-0.2
Heavy metal (as Pb)	0-5 (ppm)
Purity (Titration by H <sub>2</sub> SO <sub>4</sub> )	99.5-100.5 (%)
Water by Karl Fischer	0-3 (%)
Total Aerobic Microbial Count	0-20 (cfu/g)
PH(1M Water)	10-12
Appearance (H100305)	White powder
Solubility in H <sub>2</sub> O, Colorless and clear(500mg/ml)	pass
Proton NMR spectrum	Conforms to structure