

Specification Sheet

Product Name: **HEPES sodium salt**
Specifications & Purity: for cell culture, $\geq 99.5\%$ (T)
SKU #: **H100306**

Parameter	Limit Values
Endonuclease Detection	0-0.1 (EU/g)
Water by Karl Fischer	0-3 (%)
standard plate count	0-100 (cfu/g)
Heavy metal (as Pb)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Purity(Titration)	99.5-100.5 (%)
Appearance (H100306)	White powder
Cell Culture Test	pass
DNase, RNase and Protease	None Detected
Infrared spectrum	Conforms to Structure
Solubility in H ₂ O , Colorless and clear(500mg/ml)	pass
λ ,0.1 M in H ₂ O	Pass
UV Absorbance 260nm(c = 1 M)	0-0.4
UV Absorbance 280nm(c = 1 M)	0-0.2