

SPECIFICATION

Name	HEPES
Cat. No.	F11012
CAS#	[7365-45-9]

TEST	SPECIFICATION
Appearance	White or off-white crystalline powder
Assay	$\geq 99.0\%$
Solubility(1M aq)	Clear
pH (1%, water)	4.80-5.60
Heavy Metals (as Pb)	$\leq 10\text{ppm}$
Loss on drying	$\leq 0.5\%$
Sulfate (SO ₄)	$\leq 0.05\%$
Iron (Fe)	$\leq 5\text{ppm}$
Abs.(260 nm, 1M, water)	≤ 0.1
Abs.(280 nm, 1M, water)	≤ 0.07

Changzhou Bio-generating Biotechnology Corp, BIOG

QC/QA Center