

## SPECIFICATION

Name	HEPES
Cat. No.	F11011
CAS#	[7365-45-9]

TEST	SPECIFICATION
Appearance	White or off-white crystalline powder
Assay	$\geq 99.5\%$
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 <sub>4</sub> )	$\leq 0.05\%$
Iron (Fe)	$\leq 5\text{ppm}$
Abs.(260 nm, 1M, water)	$\leq 0.1$
Abs.(280 nm, 1M, water)	$\leq 0.07$

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QC/QA Center