



CERTIFICATE OF ANALYSIS

HEPES

Catalogue No: 600-032-**

Lot No: 600032026

Expiration date: 11/2023

MSDS: Available upon request

Shipping: Ambient

Storage: Store at 15 to 30°C.

TEST	SPECIFICATION	UNITS	RESULTS
Assay	≥99.5	%	100.0
Appearance	White Crystalline powder		Meet specification
Loss on drying	≤ 1.0	%	0.1
Solubility (10% water)	Clear colorless solution		Meet specification
pKa at 20°C	7.45 – 7.65		7.5
Heavy Metals (as Pb)	≤ 0.001	%	0.0001
Sulfate	≤ 0.05	%	<0.05
DNase, RNase, Protease Activity	None detected		Conforms
Absorbance (1M aq.) at 280 nm	≤ 0.05		0.001

ADDITIONAL INFORMATION:

MOLECULAR WEIGHT: 238.31

CAS: 7365-45-9