



CERTIFICATE OF ANALYSIS

HEPES

Catalogue No: 600-032-**

Lot No: 600032030

Expiration date: 08/2025

MSDS: Available upon request

Shipping: Ambient

Storage: Store at 15 to 30°C.

| TEST | SPECIFICATION | UNITS | RESULTS |
|---------------------------------|--------------------------|-------|--------------------|
| Assay | ≥99.5 | % | 100.1 |
| Appearance | White Crystalline powder | | Meet specification |
| Loss on drying | ≤ 1.0 | % | 0.3 |
| Solubility (1M water) | Clear colorless solution | | Meet specification |
| pH, 5% water at 20°C | 5.0 – 6.5 | | 5.3 |
| Heavy Metals (as Pb) | ≤ 5 | ppm | Pass |
| 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