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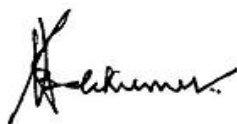
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	01172
Lot Number	001135-0381106
Product	4-(2-Hydroxyethyl)-1-piperazineethanesulfonic HEPES hemisodium salt
CAS Number	103404-87-1, 75277-39-3
Molecular Formula	C ₈ H ₁₇ N ₂ O ₄ SNa
Molecular Weight	249.3

Appearance	White crystal powder
Heavy Metals	< 5 ppm (as Pb)
pH	7.6
Infrared Spectrum	Conforms to structure
Loss on Drying	1.4% (110 °C, 30 min.)
Assay by titration	100.2% (Dried basis)
Storage	Store at RT
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager