

TECHNICAL DATA SHEET

HEPES Buffer | CAS 7365-45-9

1. Product Identification

Product Name	HEPES Buffer
CAS Number	7365-45-9
Synonyms	4-(2-Hydroxyethyl)piperazine-1-ethanesulfonic acid, HEPES sodium salt
Category	Lab Reagent
Available Grades	Technical/99%/Biological Grade
HSN Code	2934.99

2. Physical & Chemical Properties

Molecular Formula	C ₈ H ₁₂ N ₂ O ₄ S
Molecular Weight	238.31
Appearance	Refer to TDS
Density	N/A
Boiling Point	N/A
Melting Point	N/A
Flash Point	N/A
Solubility	N/A

3. Applications

• Cell culture buffer (pH 6.8-8.2) • Biological assays • Protein biochemistry

4. Industries Served

Research, Pharma, Biotech

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.