

## CM 23,487 – HEPES, FREE ACID

### PRODUCT PROPERTIES

C.A.S Number	7365-45-9
Chemical Formula	C <sub>8</sub> H <sub>13</sub> N <sub>2</sub> O <sub>4</sub> S
Formula weight	283.30
Functional Uses	HEPES is a zwitterionic buffer that is widely used in biochemistry and molecular biology research.
Standard Packaging	25 gm, 100gm, 500 gm & 1 kg.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (0.1M Soln. 25°C)	5.0 – 6.5
Insoluble matter	Passes filter test
Lead (Pb)	NMT – 0.0005%
Assay	NLT - 99.0%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

