

503 – HEPES, FREE ACID

REF NO: TBL/QA/SS/LC/503	STANDARD SPECIFICATION FOR HEPES, FREE ACID	Rev. No: 03
Issue No: 04		Review Date: 29/10/2024
Issue Date: 30/10/2021		Product code: 503

PRODUCT PROPERTIES

C.A.S Number	7365-45-9
Chemical Formula	C ₈ H ₁₈ N ₂ O ₄ 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.

