

## 599 – HEPES SODIUM

REF NO: TBL/QA/SS/LC/599	STANDARD SPECIFICATION FOR HEPES SODIUM	Rev. No: 03
Issue No: 04		Review Date: 14/03/2025
Issue Date: 15/03/2022		Product code: 599

### PRODUCT PROPERTIES

C.A.S Number	75277-39-3
Chemical Formula	$C_8H_{17}O_4 N_2SNa$
Formula weight	260.29
Functional Uses	HEPES has been used: To supplement Dulbecco's modified Eagle's medium to culture and maintain cell lines As a component of platelet suspension buffer
Standard Packaging	25 gm., 100 gm. & 1 kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH	10.0 – 12.0
Water	NMT – 3.0%
Heavy Metal (Pb)	NMT – 5 ppm
Assay	NLT – 90.5%

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

