

## 3599 – ACES BUFFER

REF NO: TBL/QA/SS/LC/3599	<b>STANDARD SPECIFICATION FOR ACES BUFFER</b>	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
Issue Date: 29/10/2021		Product code: 3599

### PRODUCT PROPERTIES

C.A.S Number	7365-82-4
Chemical Formula	C <sub>4</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub> S
Formula weight	182.20
Functional Uses	ACES is a zwitterion buffer used in biochemistry and molecular biology research.
Standard Packaging	5gm, 25gm, & 100 gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White Crystalline Powder.
Solubility & Clarity	Solubility & Clarity Soluble in water & clear, colorless solution.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (0.1M in H <sub>2</sub> O, 25°C)	3.0-4.5
Assay	NLT- 99.0%

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

