

## 4008 – SODIUM BUTYRATE

REF NO: TBL/QA/SS/LC/4008	<b>STANDARD SPECIFICATION FOR SODIUM BUTYRATE</b>	Rev. No: 03
Issue No: 04		Review Date: 31/10/2024
Issue Date: 01/11/2021		Product code: 4008

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	156-54-7
<b>Chemical Formula</b>	C <sub>4</sub> H <sub>7</sub> NaO <sub>2</sub>
<b>Formula weight</b>	110.09
<b>Functional Uses</b>	Sodium butyrate has been used as a component in homogenization and immunoprecipitation buffer for HDAC inhibition in fly embryos and insect s2 cells.
<b>Standard Packaging</b>	100 gm, 500 gm, 25 Kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White hygroscopic powder.
Solubility (10% soln.)	Highly soluble in distilled Water.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (2% Soln. at 25 °C)	7.5 – 10.5
Loss On Drying (at 105°C)	NMT – 2.0%
Free Butyric Acid	NMT – 0.10%
Assay	NLT – 98.0%

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

