

5064 – SODIUM BUTYRATE

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| REF NO: TBL/QA/SS/F/5064 | STANDARD SPECIFICATION FOR SODIUM BUTYRATE | Rev. No: 03 |
| Issue No: 04 | | Review Date: 06/02/2025 |
| Issue Date:07/02/2022 | | Product code: 5064 |

PRODUCT PROPERTIES

| | |
|--------------------|----------------------|
| C.A.S Number | 156-54-7 |
| Chemical Formula | $C_4H_7O_2 \cdot Na$ |
| Formula weight | 110.08 |
| Functional Uses | NA |
| Standard Packaging | 25 kg |

PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|--------------------------------|------------------------------------|
| Appearance | White hygroscopic powder. |
| Solubility (10% soln.) | Highly soluble in distilled Water. |
| Identification Test for Sodium | Passes |

CHEMICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|---------------------------|---|
| pH (2% Soln. at 25 °C) | 7.5 – 10.5 |
| Loss On Drying (at 105°C) | NMT – 1.0% |
| Alkalinity | Dissolve 2.0 g in 20 ml of water, and add 1 drop of phenolphthalein TS: if a pink colour is produced. It is discharged by 0.5 ml of 0.1 N Sulphuric Acid. |
| Assay (ODW) | NLT – 98.0% |
| Heavy Metals (Pb) | NMT – 10 ppm |
| Arsenic (As) | NMT – 2 ppm |

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

