

## 5061 – SODIUM BENZOATE (FOOD GRADE)

|                          |   |                         |
|--------------------------|---|-------------------------|
| REF NO: TBL/QA/SS/F/5061 | STANDARD SPECIFICATION<br>FOR SODIUM BENZOATE<br>(FOOD GRADE) | Rev. No: 03             |
| Issue No: 04             |   | Review Date: 06/02/2025 |
| Issue Date:07/02/2022    |   | Product code: 5061      |

### PRODUCT PROPERTIES

|                    |  |
|--------------------|--|
| C.A.S Number       | 532-32-1                                       |
| Chemical Formula   | C <sub>7</sub> H <sub>5</sub> NaO <sub>2</sub> |
| Formula weight     | 144.11   |
| Functional Uses    | Antimicrobial preservative                     |
| Standard Packaging | 25 kg  |

### PHYSICAL PARAMETERS

| PRODUCT PARAMETER                | SPECIFICATION   |
|----------------------------------|---|
| Appearance                       | White, almost odourless, crystalline powder, flakes or granules |
| Solubility                       | Freely soluble in water, sparingly soluble in ethanol           |
| Test for benzoate (10% solution) | Passes test   |
| Test for sodium                  | Passes test   |

### CHEMICAL PARAMETERS

| PRODUCT PARAMETER                     | SPECIFICATION |
|---------------------------------------|---------------|
| Loss on drying (105°C , 4 h)          | NMT - 1.5%    |
| Acidity or alkalinity                 | Passes test   |
| Readily carbonizable substances       | Passes test   |
| Chlorinated organic compounds (as Cl) | NMT – 0.07%   |
| Readily oxidizable substances         | Passes test   |
| Lead                                  | NMT – 2mg/kg  |
| Assay (on dried basis)                | NLT – 99.0%   |

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

