

## 2278 – SODIUM CACODYLATE (TRIHYDRATE)

|                           |   |                         |
|---------------------------|---|-------------------------|
| REF NO: TBL/QA/SS/LC/2278 | STANDARD SPECIFICATION<br>FOR SODIUM CACODYLATE<br>(TRIHYDRATE) | Rev. No: 03             |
| Issue No: 04              |   | Review Date: 31/10/2024 |
| Issue Date: 01/11/2021    |   | Product code: 2278      |

### PRODUCT PROPERTIES

|                    |  |
|--------------------|--|
| C.A.S Number       | 6131-99-3  |
| Chemical Formula   | $C_2H_6AsNaO_2 \cdot 3H_2O$  |
| Formula weight     | 214.03   |
| Functional Uses    | Sodium cacodylate trihydrate is a buffering agent typically employed in the preparation of biological samples for electron microscopy. |
| Standard Packaging | 25 gm, 100 gm.   |

### PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION             |
|-------------------|---------------------------|
| Appearance        | White hygroscopic powder. |

### CHEMICAL PARAMETERS

| PRODUCT PARAMETER           | SPECIFICATION |
|-----------------------------|---------------|
| Chloride (Cl )              | NMT – 0.005%  |
| Sulphate (SO <sub>4</sub> ) | NMT – 0.005%  |
| Calcium (Ca)                | NMT – 0.01%   |
| Lead (Pb)                   | NMT – 0.005%  |
| Assay                       | NLT – 98.0%   |

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