

## PRODUCT IDENTITY

|                 |                                |                |                                                                   |
|-----------------|--------------------------------|----------------|-------------------------------------------------------------------|
| PRODUCT NAME    | Sodium tetraborate decahydrate | PRODUCT NUMBER | S112465                                                           |
| Grades & Purity | GR, ≥99.5%                     | VERSION        | 3                                                                 |
| CAS NUMBER      | 1303-96-4                      | FORMULA        | Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> ·10H <sub>2</sub> O |
| FORMULA WEIGHT  | 381.37g/mol                    |                |                                                                   |

## ACCEPTANCE CRITERIA

| PARAMETER                               | SPECIFICATION / LIMIT |
|-----------------------------------------|-----------------------|
| Calcium(Ca)                             | 0-0.001 (%)           |
| Iron(Fe)                                | 0-0.0001 (%)          |
| Copper(Cu)                              | 0-0.0005 (%)          |
| Insiluble matter in hydrochloric        | 0-0.003 (%)           |
| Chloride (Cl-)                          | 0-0.0005 (%)          |
| Lead ( Pb)                              | 0-0.0005 (%)          |
| Assay                                   | 99.5-100 (%)          |
| Phospate(PO <sub>4</sub> )              | 0-0.001 (%)           |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.005 (%)           |
| Infrared spectrum                       | Conforms to Structure |