



# Product Specifications

PRODUCT NAME: Sodium Borate, Decahydrate  
ACS

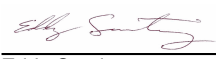
CHEMICAL FORMULA: Na<sub>2</sub>B<sub>4</sub>O<sub>7</sub> • 10H<sub>2</sub>O

Product Code: 488500-90000  
F.W.: 381.3700  
CAS No: 1303-96-4  
Density: 1.00

| ITEM                                                                       | SPECIFICATIONS |
|----------------------------------------------------------------------------|----------------|
| Assay (Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> • 10H <sub>2</sub> O) | 99.5 - 105.0%  |
| Color                                                                      | White          |
| Form                                                                       | Crystals       |
| Chloride (Cl)                                                              | 0.001% max.    |
| Heavy Metals (as Pb)                                                       | 0.001% max.    |
| Insoluble Matter                                                           | 0.005% max.    |
| Iron (Fe)                                                                  | 5 ppm max.     |
| pH of a 0.01 M solution at 25C                                             | 9.15 - 9.20    |
| Phosphate (PO <sub>4</sub> )                                               | 0.001% max.    |
| Sulfate (SO <sub>4</sub> )                                                 | 0.005% max.    |
| Calcium (Ca)                                                               | 0.005% max.    |
| Date of Manufacture                                                        | Record Actual  |
| Expiration date                                                            | Record Actual  |

Remarks:

The above are the specifications, ranges and limits set for this product.

  
Eddy Santiago  
Quality Assurance Manager

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Document Print Date:  
8/15/2025

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