

# 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:** 1.0000

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

**Remarks:**

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



Kevin Hansen  
Quality Assurance Manager

Disclaimer: To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. However, nothing herein shall constitute any express or implied warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose.

**Document Print Date:**  
10/27/2015



**CHEMICAL PROCESSORS AND PACKAGERS OF ELECTRONIC GRADE HIGH PURITY  
ACIDS / BLENDS / REAGENTS / SOLUTIONS**

N4335 TEMKIN RD \* COLUMBUS, WISCONSIN \* 53925 \* PH: (920) 623-2140 \* FAX: (920) 623-2577  
4034 W. WASHINGTON ST \* PHOENIX, ARIZONA \* 85009 \* PH: (602) 272-2500 \* FAX: (602) 272-2543

