

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

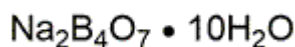
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	35969
Product	Sodium tetraborate decahydrate Borax decahydrate Sodium borate decahydrate
CAS Number	1303-96-4
Molecular Formula	$\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$
Molecular Weight	381.37

Appearance	Off-white to white powder
Appearance of Solution	Passes test
Anion	Chloride (Cl^-) : ≤ 5 ppm Nitrate (NO_3^-) : Clear Sulfate (SO_4^{2-}) : $\leq 0.003\%$
Cation	Copper (Cu) : ≤ 5 ppm Calcium (Ca) : $\leq 0.001\%$ Lead (Pb) : ≤ 5 ppm Arsenic (As) : ≤ 2 ppm Iron (Fe) : ≤ 3 ppm
Assay	99.5-101.0%
Application	It is used in detergents, cosmetics, and enamel glazes. It is used to prepare buffer solutions in biochemistry, as a fire retardant, anti-fungal compound, in the manufacture of fiberglass, as a flux in metallurgy, neutron-capture shields for radioactive sources, a texturing agent in cooking, and as a harbinger for other boron compounds
Storage	Store at RT

For Laboratory Use Only