

# SPECIFICATION

JUNSEI CHEMICAL CO.,LTD.  
QUALITY ASSURANCE SECTION  
1-6, Ohmano-cho, Koshigaya-shi,  
Saitama, 343-0844, Japan  
TEL: +81-48-986-6161  
FAX: +81-48-989-2787

Product Code            35360-3806  
Commodity                Disodium tetraborate decahydrate  
Grade                     For pH standard solution  
Q'ty                        100g

[Test Item]	[Standard]	CASNo.1303-96-4
ASSAY (Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> ·10H <sub>2</sub> O) C)	99.6 ~ 100.5 %(m/m)	
ASSAY (Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> ·10H <sub>2</sub> O) D)	99.6 ~ 100.5 %(m/m)	
Solubility in water	To pass test	
pH(0.01 mol/L,25°C)	9.1~9.4	
Chloride (Cl)	max. 3 ppm(m/m)	
Nitrate	To pass test	
Phosphate (PO <sub>4</sub> )	max. 0.001 %(m/m)	
Sulfate (SO <sub>4</sub> )	max. 0.003 %(m/m)	
Copper (Cu)	max. 5 ppm(m/m)	
Calcium (Ca)	max. 0.001 %(m/m)	
Lead (Pb)	max. 5 ppm(m/m)	
Arsenic (As)	max. 2 ppm(m/m)	
Iron (Fe)	max. 3 ppm(m/m)	