

# 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           20010-2550  
Commodity             Hydrochloric acid  
Grade                 EL  
Q'ty                  1kg

[Test Item]	[Standard]	CASNo.7647-01-0
ASSAY	35.0~37.0 %	
Ignition residue (as sulfates)	max. 4 ppm	
Sulfate (SO <sub>4</sub> )	max. 0.5 ppm	
Free chlorine	To pass test	
Iodine consuming substances	To pass test	
Lithium (Li)	max. 5 ppb	
Sodium (Na)	max. 0.3 ppm	
Potassium (K)	max. 0.1 ppm	
Copper (Cu)	max. 0.01 ppm	
Magnesium (Mg)	max. 0.2 ppm	
Calcium (Ca)	max. 0.3 ppm	
Zinc (Zn)	max. 0.02 ppm	
Cadmium (Cd)	max. 1 ppb	
Mercury (Hg)	max. 0.05 ppm	
Lead (Pb)	max. 0.05 ppm	
Arsenic (As)	max. 5 ppb	
Chromium (Cr)	max. 0.01 ppm	
Iron (Fe)	max. 0.05 ppm	
Cobalt (Co)	max. 0.01 ppm	
Nickel (Ni)	max. 0.02 ppm	
Ammonium (NH <sub>4</sub> )	max. 1 ppm	