

# SPECIFICATIONS

## Guaranteed Reagent Potassium Carbonate

Item	Unit/Symbol	Specified value
Purity (K <sub>2</sub> CO <sub>3</sub> ) (after ignition)	%	99.5 min.
Solubility in water	—	To pass test
Loss on ignition	%	1.5 max.
Chloride (Cl)	%	0.003 max.
Phosphate (PO <sub>4</sub> )	%	0.002 max.
Silicate (as SiO <sub>2</sub> )	%	0.005 max.
Sulfate (SO <sub>4</sub> )	%	0.003 max.
Nitrogen compounds (as N)	%	0.001 max.
Sodium (Na)	%	0.05 max.
Copper (Cu)	ppm	5 max.
Magnesium (Mg)	ppm	5 max.
Calcium (Ca)	%	0.001 max.
Zinc (Zn)	ppm	2 max.
Lead (Pb)	ppm	5 max.
Iron (Fe)	ppm	5 max.
blank below		

## Notes:

1. “%” and “ppm” are in mass fraction.
2. Items, specified value, the test method and the terms in the list are based on Japanese Industrial Standards (JIS K 8615).
3. With revision of Japanese Industrial Standards, some parts of the contents above may be updated without prior notification.

This English Version of the SPECIFICATIONS is published for the convenience of users unfamiliar with the Japanese language. When and if any discrepancy arises between the Japanese original and its English translation, the former is authentic.