

Lotioncrafter

48 Hope Ln

Eastsound, WA 98245

Tel: 360-376-8008

Specification Sheet

Potassium Sorbate

CAS No. 24634-61-5

Items	Specifications
Identification	Test A, B (Passed)
Identification	Test for potassium (Positive)
Spectrophotometric Identification	Absorbance max matches that of the standard solution
UV Transmission	UV-Maximum 264+2mm
Appearance	White or off white granular
Foreign Matter	Conforms to FCC
Assay (dry basis) (%)	99.0-101.0
Melting range	133-135°C
Loss on drying (%)	1.0 Max.
pH Value	8.5-10.5 (5% water solution)
Free Alkalinity (as K ₂ CO ₃)	Passes test (about 1%)
Acidity (as sorbic acid)	Passes test (about 1%)
Heavy metals (as Pb)	≤ 10
Arsenic (ppm)	≤ 3
Lead (ppm)	≤ 2
Chloride (ppm)	≤ 180
Sulfate (as SO ₄) (ppm)	≤ 380
Aldehydes (as formaldehyde)	≤ 0.1 %
Cadmium (ppm)	≤ 0.02
Zinc (ppm)	≤ 0.1
Mercury (ppm)	≤ 1 ppm
Heat resistance	No discoloration after heating 90 min at 105°C
Residual Solvents	Conforms to FCC
Other Coloring Matter	Conforms to FCC

Country of Origin: China

Shelf-life & Storage: 2 years from the date of manufacture, if stored in a cool, dry place in a sealed container.