

Potassium Sorbate

CAS#: 24634-61-5

CHARACTERISTIC

SPECIFICATION

Appearance	White to almost white crystalline powder
Odor	Slight characteristic odor
Solubility	Freely soluble in water and practically insoluble in ether
Heat stability	No change in color after heating for 90 minutes at 105 °C
Identification Test	Potassium test: passes test Test of Double Bonds: Passes test UV: conforms with standard spectrum
Assay(Dry weight Basis, %)	99.0-101.0
pH value (10% water solution)	8.5-10.5
Transmittance, %	≥87.0
Clarify	Passes test
Alkalinity (as K ₂ CO ₃ , %)	≤1
Chloride (as CL, %)	≤0.018
Sulfate (as SO ₄ , %)	≤0.038
Loss on Drying, %	≤1.0
Aldehyde (as formaldehyde, %)	≤0.1
Arsenic, mg/kg	≤3
Lead, mg/kg	≤2
Zinc, mg/kg	≤0.1
Cadmium, mg/kg	≤0.02
Mercury, mg/kg	≤1
Heavy Metals, as Pb, mg/kg	≤10
Total Count colony, cfu/g	≤100
Mould & Yeast, cfu/g	≤100
Coliform, cfu/g	≤30

Storage: Preserved in well-closed containers. Store at room temperature.