

Certificate of analysis of Potassium Sorbate (Food Grade)

Items	Standard
Appearance	White or off-white granular
Odor	Slight characteristic odor
Heat stability	No change in color after heating for 90 minutes at 105
Identification Test	1-Bromine Test: Positive
	2-Quantitative test for potassium salt: positive
	3-UV: Conforms with standard spectrum
Assay	99.0-101.0%
Loss on drying	≤1.0%
Free Alkali (as K ₂ CO ₃)	≤1.0%
Chloride (as Cl)	≤0.018%
Sulfate (as SO ₄)	≤0.038%
Aldehydes (as formaldehyde)	≤0.1%
Arsenic (as As)	≤3 ppm
Lead	≤2ppm
Mercury	≤1ppm
Heavy metals (as Pb)	≤10ppm

Tester: 

