



SAMPLE COA

Product: Potassium Sorbate Gran USP/NF
Package Size: 50 LB CTN

Certification Date:
Manufacture Date:
Recertification Date:

Lot Number:

THE FOLLOWING VALUES HAVE BEEN PROVIDED BY THE MANUFACTURER OF THIS PRODUCT.

Characteristic	Specification	Result
Appearance	White to off-white granular	Qualified
Odor	Slight characteristics odor	Qualified
Solubility	Freely soluble in water and practically insoluble in ether	Qualified
Heat Stability	No change in color after heating for 90 min at 105°C	Qualified
Identification A	Potassium test: Passes Test	Qualified
Identification B	Test of double bonds: Passes Test	Qualified
Identification C	UV: conforms with standard spectrum	Qualified
Assay (dry weight basis%)	99 ~ 101.0	100.4
Alkalinity (as K ₂ CO ₃) (%)	≤1	0.15
Loss On Drying (%)	≤1.0	0.1
Aldehydes (as formaldehyde) (%)	≤0.1	<0.1
Lead (mg/kg)	≤2	<2
Heavy Metals (as Pb) (mg/kg)	≤10	<10
Conclusion	Qualified, Comply with FCCIX/USP Standard	