

Certificate of Analysis

Product name:	Potassium Sorbate Granular FCC VIII/E202	
Order No.:	DSI2373	
Lot No.:	23040106A	
Manu. Date:	APR,01.2023	
Expi. Date:	MAR.31.2025	
Quantity:	9000KG	
Item	Specification	Result
Appearance	White to off- white granular	White granular
Odor	Slight characteristic odor	Passes
Solubility	Freely soluble in water and practically insoluble in ether	Passes
Heat stability	No change in color after heating for 90 minutes at 105 °C	Passes
Identification test	(1) Potassium test: Passes Test (2) Test of double bonds: Passes Test (3) UV: conforms with standard spectrum (4) Melting point: 133.0~135.0 °C	Passes
Assay	99%~101.0%	99.2%
PH	8.5-10.5	10.1
Alkalinity(as K ₂ CO ₃)	≤ 0.8ml of 0.1N hydrochloric acid	Passes
Chloride(as Cl)	0.018% max	<0.018%
Sulfate(as SO ₄)	0.038% max	<0.038%
Loss on drying	1.0 % max	0.2%
Aldehydes (as formaldehyde):	0.1% max	<0.1%
Arsenic (as As)	3mg/kg max	<3mg/kg
Lead	2mg/kg max	<2mg/kg
Mercury	1mg/kg max	<1mg/kg
Heavy metals(as Pb)	10mg/kg max	<10mg/kg
Total Count Colony	100cfu/g max	<100cfu/g
Mould& Yeast	100cfu/g max	<100cfu/g
Coliform	30cfu/g max	<30cfu/g
Conclusion:	The quality of our potassium sorbate Granules meets the standard FCC VIII/E202	

Nantong Acetic Acid Chemical Co.,Ltd