

Certificate of Analysis

Product name:	Potassium Sorbate Granular FCC VIII/E202	
Order No.:	DSI2664	
Lot No.:	25060105A	
Manu. Date:	JUN,1.2025	
Expi. Date:	MAY,31.2027	
Quantity:	12500KG	
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 (5) IR absorption: positive	Passes
Assay	99%~101.0%	99.2%
PH	8.5-10.5	10.0
Acidity (as sorbic acid)	≤ 1.1ml of 0.1N sodium hydroxide	Passes
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	0.18%
Aldehydes (as formaldehyde):	0.1% max	<0.1%
Arsenic (as As)	0.1mg/kg max	<0.1mg/kg
Lead	0.1mg/kg max	<0.1mg/kg
Zinc	0.1mg/kg max	<0.1mg/kg
Mercury	0.01mg/kg max	<0.01mg/kg
Total Count Colony	100cfu/g max	<100cfu/g
Mould&Yeast	100cfu/g max	<100cfu/g
Coliform	Absent in 25g	Passes
E. Coli	Absent in 25g	Passes
Salmonella sp	Absent in 25g	Passes
Staphylococcus	Absent in 25g	Passes
Conclusion: The quality of our potassium sorbate Granules meets the standard FCC VIII/E202		

南通醋酸化工股份有限公司
NANTONG ACETIC ACID CHEMICAL CO., LTD.

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