




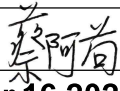
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CERTIFICATE OF ANALYSIS

NO.3012-12

Product	Potassium Sorbate Granular
Quality	FCC 13/E202
Manufacturing Date	Mar.15,2024
Expiry Date	Mar.14,2026
Batch No.	032403151
Quantity	95,000kgs/950ctns

Parameters	Specification	Results
Description	White to off-white crystalline granular, No discoloration (105°C,90min)	White Granular
Identification for potassium	The Sample solution responds to the flame test	Pass test
Identification for Melting range of Sorbic Acid	Melting range of sorbic acid isolated by acidification and not re-crystalized 133 °C to 135 °C after vacuum drying for four hours in a sulphuric acid desiccator	Pass test
Identification for double bonds	Positive tests for double bonds	Pass test
Assay	99.0-101.0 %	99.80%
Alkalinity (as K ₂ CO ₃)	≤ 1.0 %	< 1.0 %
Acidity (as Sorbic Acid)	≤ 1.0 %	< 1.0 %
Aldehyde (as Formaldehyde)	≤ 0.1 %	< 0.1 %
Lead (Pb)	≤ 2 mg/kg	< 2 mg/kg
Mercury (Hg)	≤ 1 mg/kg	< 0.1 mg/kg
Arsenic(as As)	≤ 3 mg/kg	< 3mg/kg
Loss on Drying	≤ 1.0 %	0.13%
Organic volatile impurities	Meets the requirements	Meets the requirements
Residual solvents	Meets the requirements	Meets the requirements
The goods conform to FCC 13 /E202edition.		
Tested by		
Person in charge		
Reported date	Mar.16,2024	