

CERTIFICATE OF ANALYSIS

Product Name	Potassium Sorbate
INCI Name	Potassium Sorbate
CAS#	24634-61-5
Lot Number	20251028
Manufacture Date	10/2025
Re-test Date	10/2027

Analytical Tests	Specification	Result
Appearance	White granuler	White granuler
Assay (on dried basis)	≥ 99 %	100.6
Heat stability (105°C, 90min)	No change in colour	Passes test
Melting range for sorbic acid	133 - 135 °C	Passes test
Test for potassium	Passes test	Passes test
Test for double bonds	Passes test	Passes test
Loss on drying (105°C, 3 hours)	≤ 1.0 %	0.4%
Acidity or alkalinity (as sorbic acid or K₂CO₃)	≤ 1.0 %	Passes test
Aldehydes (calculated as formaldehydes)	≤ 0.1 %	< 0.1 %
Arsenic	≤ 0.1 mg/kg	< 0.1 mg/kg
Lead	≤ 0.1 mg/kg	0.005 mg/kg
Mercury	≤ 0.01 mg/kg	< 0.01 mg/kg
ZN	≤ 0.1 mg/kg	< 0.1 mg/kg

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
 When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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