

CERTIFICATE OF ANALYSIS

Product Name	Sorbic Acid
Product Code	AL00276
INCI Name	Sorbic Acid
CAS Number	110-44-1
Lot Number	20260427
Manufacture Date	04/2026
Re-test Date	04/2028

Parameter	Specification	Test Result	Method
Appearance	White to light yellow crystalline powder	Complies	Visual inspection
Melting Point	132 – 135 °C	134.7	
Assay (Purity)	≥ 99.0%	Conforms	HPLC
Loss on Drying	≤ 0.5%	Conforms	Gravimetric
Residue on Ignition	≤ 0.2%	0.07	USP Method
Heavy Metals	≤ 10 ppm	Conforms	AAS
Lead (Pb)	≤ 2 ppm	Conforms	AAS
Arsenic (As)	≤ 1 ppm	Conforms	AAS
Iron (Fe)	≤ 10 ppm	Conforms	Colorimetry

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
When stored for a period longer than the one specified above, quality should be checked before use.

As it is electronically generated document, hence no signature required

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