

SHANDONG KUNDA BIOTECHNOLOGY CO., LTD.

No.47, Nanyihuan Road, Yishui Economic Development Zone, Yishui County, Linyi City, Shandong Province, P.R. China

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CERTIFICATE OF ANALYSIS

PRODUCT: SORBIC ACID

ISSUE DATE: NOV 13, 2025

QUANTITY: 19,000 kgs

INVOICE NO.: 25KDSA-0149-1015

BATCH NO.: SA20251003-01

PO NO.: 359/CEL/10/2025

MANUFACTURING DATE: OCT 03, 2025

EXPIRY DATE: OCT 02, 2027

CONTAINER NO/SEAL NO.: DFSU1511647 / FX43995926

We hereby certify that the above mentioned goods have been inspected as follows:

ITEMS	SPECIFICATION	RESULTS
Appearance	White to off-white crystalline powder or granular	Complied
Identification Test	(1) Test of double bonds: Passes Test (2) UV: conforms with standard spectrum (3) Melting range: 133 °C~135°C	Complied
Solubility	Slightly soluble in water, soluble in propylene glycol, absolute ethanol and methanol	Complied
Assay (on dry weight basis, %)	≥99 (on the anhydrous basis)	99.7
Transmittance (%)	≥97.0	99.62
Clarify	Passes Test	Complied
Water(Karl Fischer, %)	≤0.5	0.20
Residue On Ignition (%)	≤0.2	0.04
Aldehydes(Formaldehyde,%)	≤0.1	<0.1
Sulfate (%)	≤0.02	<0.02
Chloride (%)	≤0.014	<0.014
Arsenic (mg/kg)	≤0.1	<0.1
Lead (mg/kg)	≤0.1	<0.1
Zinc (mg/kg)	≤0.1	<0.1
Mercury (mg/kg)	≤0.01	<0.01
Heavy Metals(as Pb)	≤10	<10
Total Count Colony (cfu/g)	≤ 100	<100
Mould&Yeast (cfu/g)	≤100	<100
Coliform (cfu/g)	≤30	<30
CONCLUSION	QUALIFIED, Comply with E200/FCC Standard, EU Regulation 231/2012	