

# SHANDONG KUNDA BIOTECHNOLOGY CO., LTD

山东昆达生物科技有限公司

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## CERTIFICATE OF ANALYSIS

PRODUCT: Potassium Sorbate Granular      ISSUE DATE: DEC. 23, 2025  
QUANTITY: 52,000 KGS      MANUFACTURING DATE: NOV. 14, 2025  
BATCH NO.: PS20251114-01      EXPIRY DATE: NOV. 13, 2027

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

Item	Specification	Results
Appearance	White to off- white granular	Complied
Odor	Slight characteristic odor	Complied
Solubility	Freely soluble in water and practically insoluble in ether	Complied
Heat Stability	No change in color after heating for 90 min at 105 °C	Complied
Identification Test	(1) Potassium test: Passes Test (2) Test of double bonds: Passes Test (3) UV: conforms with standard spectrum	Complied
Assay (on dry weight basis)	99.0%~101.0%	100.3
pH-Value(10% water solution)	8.5-10.5	9.5
Transmittance	≥87.0%	91.06
Clarify	Passes Test	Complied
Alkalinity(as K <sub>2</sub> CO <sub>3</sub> )	≤1%	0.15
Chloride(as Cl)	≤0.018%	<0.018
Sulfate(as SO <sub>4</sub> )	≤0.038%	<0.038
Loss On Drying	≤1.0 %	0.1
Aldehydes(as formaldehyde)	≤0.1%	<0.1
Heavy Metals(as Pb)	≤10mg/kg	<10
Arsenic (as As)	≤3mg/kg	<3
Lead	≤2mg/kg	<2
Aldehyde (as formaldehyde) (%)	≤0.1	<0.1
Arsenic (as As) (mg/kg)	≤3	<3
Lead(mg/kg)	≤2	<2
CONCLUSION	QUALIFIED (Comply with FCC/E202 standard)	

山东昆达生物科技有限公司  
Shandong Kunda Biotechnology Co., Ltd  
签名Signature: 11号 NTD