

# SHANDONG KUNDA BIOTECHNOLOGY CO., LTD

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## TECHNICAL DATA SHEET

PRODUCT: POTASSIUM SORBATE GRANULAR ISSUE DATE: : JUN. 16, 2024

SHELF LIFE: 24 Months

BATCH NO.:

QUANTITY:

INVOICE NO.:

PO NO.:

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

ITEMS	SPECIFICATIONS
Appearance	White to off- white granular
Odor	Slight characteristic odor
Solubility	Freely soluble in water and practically insoluble in ether
Heat Stability	No change in color after heating for 90 minutes at 105°C
Identification Test	(1) Potassium test: passes test
	(2) Test of Double Bonds: passes test
	(3) UV: conforms with standard spectrum
Assay (dry weight basis, %)	99~101.0
pH-Value	8.5-10.5
Transmittance (%)	≥87.0
Clarify	Passes test
Alkalinity (as K <sub>2</sub> CO <sub>3</sub> , %)	≤1
Chloride (as CL, %)	≤0.018
Sulfate (as SO <sub>4</sub> , %)	≤0.038
Loss on Drying (%)	≤1.0
Aldehyde (as formaldehyde, %)	≤0.1
Arsenic (as As, mg/kg)	≤3
Lead (mg/kg)	≤2
Zinc (mg/kg)	≤0.1
Cadmium (mg/kg)	≤0.02
Mercury (mg/kg)	≤1
Heavy Metals (as Pb, mg/kg)	≤10
Total Count Colony (cfu/g)	≤100
Mould & Yeast (cfu/g)	≤100
Coliform (cfu/g)	≤30
CONCLUSION	QUALIFIED (Comply with E202/FCC Standard)

