

# SHANDONG KUNDA BIOTECHNOLOGY CO., LTD

ADDRESS: Economic Development Zone, Yishui County, Linyi City, Shandong Province, 276400, P.R. China

## CERTIFICATE OF ANALYSIS

PRODUCT: Potassium Sorbate Powder

EXPIRY DATE: JUL 30, 2023

ISSUE DATE: JUL 31, 2021

BATCH NO.: PSP20210731

MANUFACTURING DATE: JUL 31, 2021

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

ITEMS	SPECIFICATIONS	TEST RESULT
Appearance	White to off- white powder	Qualified
Odor	Slight characteristic odor	Qualified
Solubility	Freely soluble in water and practically insoluble in ether	Qualified
Heat Stability	No change in color after heating for 90 min at 105 °C	Qualified
Identification Test	(1) Potassium test: Passes Test (2) Test of double bonds: Passes Test (3) UV: conforms with standard spectrum (4) Melting point: 132.0~135.0 °C	Qualified
Assay ( dry weight basis%)	99~101.0	100.40
Acidity(As sorbic acid ) (%)	≤1	--
Alkalinity(as K <sub>2</sub> CO <sub>3</sub> ) (%)	≤1	0.13
Loss On Drying (%)	≤1.0	0.14
Aldehydes(as formaldehyde)(%)	≤0.1	<0.1
Lead (mg/kg)	≤2	<2
Heavy Metals(as Pb) (mg/kg)	≤10	<10
<b>CONCLUSION</b>	<b>Qualified, Comply with FCCX Standard</b>	

山东昆达生物科技有限公司  
Shandong Kunda Biotechnology Co., Ltd

签名Signature: 