



宁波王龙科技股份有限公司
NINGBO WANGLONG TECH CO.,LTD.

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Date: Jan 01 of 2018

Potassium Sorbate



Product code	02
Quality	FCC IX/USP
Function	Antimicrobial agent; preservative
Shelf life	2 years
Chem. Name	Potassium(E,E)-hexa-2,4-dienoate
Formula	C ₆ H ₇ KO ₂
Molecular weight	150.22
CAS-No.	590-00-1
Customs tariff No.	2916-1980
Packaging and storage	Packing in 25kg cartons, Store in tight containers protected from light, preferably at a temperature not exceeding 38
Manufacturer	Ningbo Wanglong Tech Co.,Ltd
Mesh size	10-30mesh

Parameters	Specification	Test Method
Appearance	White Granular or white powder	FCC /USP
Heat stability	no change in colour after heating for 90 minutes at 105 °C	FCC /USP
Identification	Add a few drops of bromine TS to 2 mL of the sample solution,the color disappears	FCC /USP
Assay	99,0 – 101,0%	FCC /USP
Heat stability	No discoloration (105°C,90min)	FCC /USP
Melting range	133-135°C	FCC /USP
Sublimation point	80°C	FCC /USP
ph-Value	8,5 - 10,5	FCC /USP
Loss on Drying	NMT 1,0%	FCC /USP
Alkalinity (as K ₂ CO ₃)	NMT 1,0%	FCC /USP
Acidity (as Sorbic acid)	NMT 1,0%	FCC /USP
Aldehydes	NMT 0,1%	FCC /USP
Heavy metals (as Pb)	NMT 10 mg/kg	FCC /USP
Lead	NMT 2 mg/kg	FCC /USP
Mercury	NMT 1 mg/kg	FCC /USP
Arsenic	NMT 2 mg/kg	FCC /USP

Signature by