

Technical Data Sheet

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Page 1, Total 1

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Item Name:

C6H7K02

PRODUCT INFORMATION

Chinese Name:	山梨酸钾
Commodity Name:	Potassium Sorbate (Food Grade)
Chemical Name:	Potassium Sorbate
Other Name:	Sorbic Acid K Salt
CAS No.:	24634-61-5 / 590-00-1
Molecular Weight:	150.22
Molecular Formula:	C ₆ H ₇ KO ₂

TECHNICAL SPECIFICATION

Index	Food Grade (Granular)
Appearance	White granular
Heat stability	No discoloration (105°C 90min)
Identification	Add a few drops of bromine TS to 2ML of the sample solution, the color disappears
Assay by wt %	99.0 - 101.0
Melting range by °C	133.0 - 135.0
Sublimation point by °C	80.0
pH Value (10% water solution)	8.5 - 10.5
Loss on drying by wt %	1.0 max
Alkalinity (as K ₂ CO ₃) by wt %	1.0 max
Acidity (as sorbic acid) by wt %	1.0 max
Aldehydes by wt %	0.1 max
Heavy metal (as Pb) by mg/kg	10.0 max
Lead by mg/kg	2.0 max
Mercury by mg/kg	0.1 max
Arsenic by mg/kg	2.0 max
Mesh size	10.0 - 30.0 mesh

PACKING, LOADING AND SHELF LIFE

Packing: 25kg/carton

Loading: on pallets, 12mt/20'fcl

Shelf Life: 24 months when stored in tight containers protected from light, preferably at a temperature below 38°C.

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