

QUALITY IS OUR MAIN INGREDIENT

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DFI-540696V07

SPECIFICATION

Potassium Sorbate Granular

FCC

DESCRIPTION

Formula (Chemical)	$C_6H_7KO_2$
Description	White or off-white granular, slight characteristic odour, freely soluble in water (approx. 1400 g/L at 20°C), Less soluble in ethyl alcohol (approx .1 g/L at 20 °C) and practically insoluble in ether. It decomposes at about 270°C.
Usage (Functional use)	Preserves (food grade), antimicrobial agent.
CAS No.	590-00-1/24634-61-5
E number	E 202
EINECS No.	246-376-1
Shelf life	24 Months
Storage	Store in original closed packaging from sunlight and at ambient temperature (suggest below 38 °C and 70% relative humidity).
Appearance	White or off white granular

SPECIFICATIONS

Molecular Mass (Relative)	150.22
Identification	Ultra-violet absorption: UV-Maximum 264 +/- 2 nm (Solution of 0.002 g/L in water at PH <3)
Packaging	25 kgs
Melting Range	133-135°C
Alkalinity (as K ₂ CO ₃)	Passes test <=1%
Acidity (as Sorbic Acid)	Passes test <= 1%
Loss on drying (105°C for 3 hours)	<=1.0%
Assay (on dry weight basis)	<= 99.0%~101.0%
pH (5% water solution)	8.5-10.5
Heavy metals (as Lead)	<=0.001%
Lead	<= 2 ppm, mg/kg
Aldehydes (as Formaldehyde)	<= 0.1%
Arsenic	<= 3 ppm, mg/kg
Mercury	<= 1 ppm, mg/kg
Heat (Stability)	No discolouration after 90 minutes at 105 °C
Sulfate (as SO ₄)	<= 380 ppm, mg/kg
Chloride (Cl)	<= 180 ppm, mg/kg
Cadmium	<= 0.02 ppm, mg/kg
Zinc	<= 0.1 ppm, mg/kg
Mercury	<= 1 ppm, mg/kg

Exclusion of Liability

Information contained in this document is accurate to the best of knowledge and beliefs of Direct Food Ingredients. However, it remains at all time the responsibility of the customer to ensure that Direct Food Ingredients materials are suitable and meet the regulations for the particular purpose intended. Direct Food Ingredients accepts no liability whatsoever (except as otherwise provided by law) arising out of the use of information supplied.

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Organic Volatile Impurities

Meets the requirements

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