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PRODUCT DATA

POTASSIUM SORBATE

Item #: PO790 / 795
CAS No: [590-00-1]

M.Wt: 150.22g/mol
M.Fm: C₆H₇KO₂

Description:

White crystalline pellet or powder. Also known as 2, 4-Hexadienoic Acid, it is the potassium salt of Sorbic Acid.

Applications:

Preservative. Very effective against moulds, yeasts, and bacteria. Wide range of applications, including: baked goods, margarine, salad dressings, fresh noodles, dairy products, pickled products, sauces, smoked fish, dried fruit and wine. Also used in pharmaceuticals, cosmetics, and pet food.

Properties:

Sorbates are effective in a wide pH range and stable under normal heating processes. Structure will decompose at temperatures above 270°C. Soluble in either hot or cold water and in water-alcohol mixtures. Only slightly soluble in glycerol and oils.

Specifications:

Appearance	.....	White crystalline powder or pellet
Identifications A, B	.....	Per Standard
Odour	.....	Slight characteristic odour
Solubility	.....	Per standard
Acidity (as Sorbic Acid)	.....	Passes Test (about 1%)
Alkalinity (as K ₂ CO ₃)	.....	Passes Test (about 1%)
Heavy Metals (as Pb)	.....	10 ppm max
Loss on Drying	.....	1.0% max.
Assay (anhydrous)	.....	98.0%-101.0%

Note: Complies with FCC V Standards

Potassium Sorbate is approved worldwide as preservative in foods and is GRAS by the US FDA.

Packaging and Storage:

Preserved in 25 kg cartons. Store in a cool, dry place. Do not expose to light or excessive heat (over 100°F)

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