

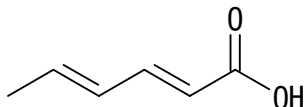
SORBIC ACID

C₆H₈O₂

Mol. wt. : 112.13

RN : 110-44-1

1. FORMULA



2,4 – Hexadienoic Acid

2. SPECIFICATION

	Sorbic Acid
Appearance	White crystalline powder
Odor	Slight characteristic odor
Melting range	133~135℃
Identification (A & B)	Passes test
Water (Karl Fischer)	Not more than 0.5%
Heavy Metals (as Pb)	Not more than 10µg/g
Arsenic (as As ₂ O ₃)	Not more than 2µg/g
Chloride	Not more than 0.014%
Sulfate	Not more than 0.02%
Residue on ignition	Not more than 0.2%
Color of Solution (C=3%, Isopropanol, Hasen No.)	Not more than 25
Light Transmission (C=1g/10ml, Methanol, unfiltered)	Not less than 86%
Assay	99.0~101.0%
Lead(Pb)	Not more than 2µg/g
Organic volatile impurities	Meets requirements
Particle Size: Through U.S. #100 mesh Through U.S. #16 mesh	Not more than 25% Not less than 99.9%

3. Shelf-life

3 years from manufacturing date(Stored in a dark and dry place at room temperature with original packaging).

4. STORAGE

Preserve in tight containers, stored in a dark and dry place at room temperature.

5. APPLICATION

Food Preservative.

Meets FCC and NF requirements. Meets EC Directives, EP, FAO/WHO and JSFA.

For more information, see MSDS (Material Safety Data Sheet) please.