



## Tartaric Acid

**Chemical formula:** C<sub>4</sub>H<sub>6</sub>O<sub>6</sub>

**CAS No.:** 87-69-4

**Rel. mol. weight:** 150.09

**EINECS No.:** 201-766-0

**E-No.:** E334

**Quality standard:** Below mentioned quality parameters comply with the latest editions of BP, USP, PhEur and E 334 standards.

### Chemical and physical requirements

#### Quality parameter

#### Guaranteed value

Assay	99.7 – 100.5 %
Appearance of solution	passes test
Specific optical rotation (20 % water solution)	+ 12.0 ° – + 12.8 °
Heavy metals	max. 0.001 %
Lead	max. 0.0005 %
Sulphates	max. 0.015 %
Chlorides	max. 0.01 %
Oxalic acid	max. 0.01 %
Calcium	max. 0.02 %
Sulphated ash	max. 0.1 %
Loss on drying	max. 0.2 %
Arsenic	max. 0.0003 %
Mercury	max. 0.0001 %

**Characteristics:** Colourless crystals or a white or almost white, crystalline powder. Very soluble in water, freely soluble in ethanol (96 %).

**Packing:** 25 kg multiwall paper bags with plastic inlay, on pallets 80x120 cm, shrink wrapped.

#### Storage terms:

Store in indoor, dry warehouses free of chemical exhalations, in original intact packing. Recommended storage temperature + 5 °C through + 30 °C, recommended relative air humidity max. 75 %.

**R / S phrases:** R: 36/37/38 / S: 26-36.

#### Transport regulations:

not classified as dangerous substance according to: ADR/RID/GGVS/GGVE/IMDG/IATA/ICAO.

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