

Technical data sheet



Product name: **Tartaric acid**

Grade: **Laboratory**

Chemical formula: $\text{HOOC}(\text{CHOH})_2\text{COOH}$

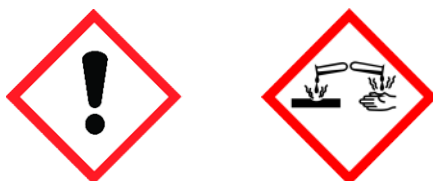
Molar mass: 150.09 g/mol

Synonyms: 2,3-Dihydroxybutanedioic Acid; L(+)-TARTARIC ACID

General information	
Cas- No.	87-69-4
Ec-No.	201-766-0
Appearance	colorless solid
Boiling point	N/A
Melting point	168-170 °C
Flash point	210 °C
Spec.density	1.76 g/cm ³ (20°C)
Vapour pressure	N/A
Solub. In H ₂ O	1390 g/l (20°C)
Storage temp	≤+30 °C
R:	36
S:	24/25

Specification	
Assay	≥99.5 %
Identity	conforms
Appearance	conforms
Insoluble matter	≤50 ppm
Chloride	≤5 ppm
Phosphate	≤10 ppm
Sulfate	≤50 ppm
Heavy metals (as Pb)	≤5 ppm
Oxalate	conforms
Specific Rotation (200 mg/mL in water)	+12.0° - +13.0°
Residue on ignition(800°C)	≤200 ppm
Sulfated ash(600 °C)	≤100 ppm
Loss on drying (105°C)	≤ 0.2 %

Symbol:



packaging:

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-



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