L-Tartaric Acid

FCC IV, 1996
China

Molecular Formula:	$C_4H_6O_6$
Molecular Weight:	150.09
Chemical Name:	L(+)-2,3 Dihydrooxy butanedioic acid
Structural Formula:	O H OH HO OH H OH O
Description:	White crystals or crystalline powder. It is odorless, has an acid taste and is stable in air.
Solubility:	Dissolves readily in water and alcohol.
Functional Use:	L(+) Tartaric acid is a kind of natural organic acid. It is used as acids in the food industry. In the pharmaceutical industry, it's used as a resolution agent in preparation of chiral drug and its intermediates. It is also widely used in printing and dyeing, photo-developing, electroplate, tanner, etc.
Packing and Storage:	25kg net in fiber drum with inner plastic bags, 13.5 MT per 20' container. Or 25kg net in composite paper bags, 18 MT per 20' container kept in a light-proof, well closed, cool and dry place.

Analysis:

Assay (Anhydrous basis)	99.7%-100.5%
Specific Rotation $[a]^{35}\%$	$+12.0^0$ - +13.0
Loss on drying	0.5% Max
Arsenic (as As)	2 ppm Max
Heavy Metals (as Pb)	10 ppm Max
Residue on ignition	0.05% Max
Oxalate	Qualified
Sulfate (SO_4)	Qualified 00/DA

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