

DL TARTARIC ACID



Cas Number: 526-83-0

Other Names: Tartaric acid, 2,3-Dihydroxysuccinic acid,
2,3-Dihydroxybutanedioic acid, Racemic acid,
Uvic acid, Paratartaric acid, Threarcic acid.

Formula: C₄H₆O₆

PRODUCT INTRODUCTION

DL Tartaric acid (2,3-dihydroxybutanedioic acid) is a butanedioic acid substituted by hydroxy groups at positions 2 and 3. It is white crystalline dicarboxylic acid found in many plants, particularly tamarinds and grapes. In high doses, this agent acts as a muscle toxin by inhibiting the production of malic acid, which could cause paralysis and maybe death.

PHYSICAL AND CHEMICAL PROPERTIES

Identification test	Pass
Clarity	Pass
Colour test	Pass
Assay	99.80 %
Specific optical rotation [α] ²⁵	-12.12°
Heavy metals	< 0.001 %
Chloride test	< 0.002 %
Oxalate test	< 0.035 %
Sulphate test	< 0.004 %
Loss on drying	< 0.17 %
Calcium test	< 0.002 %
Sulphate cinder	< 0.05 %

APPLICATIONS

- Principally used as an additive in baking powder & baking mixes and metal processing agent to prevent oxide formation
- It also acts as chemical intermediate for potassium antimony tartrate, potassium sodium tartrate, potassium boro tartrate.
- DL –Tartaric Acid is also widely popular as beverages and other food acidifier, similar to the use and citric acid. Combination of tartaric acid and tannin can be used as mordant acid dyes.

PACKAGING OPTIONS

Drums

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