

Fumaric Acid Technical Data Sheet

Description

This product is a white crystalline powder or granules , and produced by using Cis-butenedioic anhydride as raw material, the production process include isomerization, crystallization and drying.

Chemical names	Fumaric Acid
C.A.S. number	110-17-8
EINECS number	203-743-0

Quality specification

Item	Requirements
1. Appearance	Odorless, White crystalline powder or granules
2. Assay (%)	99.5-100.5%
3. Maleic acid by HPLC (%)	Max 0.1
4. Loss on drying (%)	Max 0.5
5. Residue on ignition (%)	Max 0.1
6. Melting Range	286 - 302 °C
7. Arsenic	Max 3 mg/kg
8. Lead	Max 2 mg/kg
9. Mercury	Max 1 mg/kg

Storage conditions

Store in a dry, ventilated storehouse with a shelf life of 24 months. During storage and transportation, it is strictly prohibited to mix, transport and store with toxic, harmful, corrosive substances and other pollutants.

Safety

This product is safe to use according to its instructions. Appropriate protective and sanitary measures should be taken to avoid accidental ingestion, inhalation and direct contact.