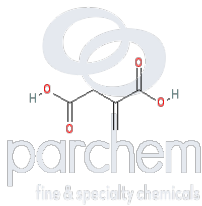


## Typical Product Specifications & Properties

### Itaconic Acid

CAS Number: 97-65-4

| Specifications          | Limits   |
|-------------------------|--|
| Chemical Structure      |  <p>The image shows the chemical structure of Itaconic Acid, which is trans-butenedioic acid. The structure consists of a central carbon-carbon double bond (trans configuration) with two carboxylic acid groups (-COOH) attached to the double-bonded carbons. The Parchem logo, featuring a stylized 'P' and the text 'parchem fine &amp; specialty chemicals', is overlaid on the structure.</p> |
| Assay %                 | 99.5% min  |
| Fe                      | 10 PPM Max.  |
| Chlorides               | 10 PPM Max.  |
| Heavy Metals; USP <231> | 30 PPM Max.  |
| Loss on Drying          | 0.5% Max.  |
| Melting Point           | 165-168°C  |
| Sulfates                | 50 PPM Max.  |
| Residue on Ignition     | 0.05% Max.   |
| Physical State          | Solid  |
| Sensoric                | White Crystalline powder   |