

## DR. J. PHARMACHEM PVT. LTD.

Regd. Office : 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune - 411030, India

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Factory : Plot No. - 311, Sector- 10, Bhosari, Pune, India, 411035



(an ISO 9001:2016 Certificate Company)

### Succinic Acid

### Technical Datasheet

| Chemical Name                      | Succinic Acid                                                                                     |                                                      |
|------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------|
| Grade Name                         | Succinic Acid                                                                                     |                                                      |
| CAS No.                            | 110-15-6                                                                                          |                                                      |
| HS Code                            | 29171930                                                                                          |                                                      |
| EINECS No.                         | 203-740-4                                                                                         |                                                      |
| Molecular Formula                  | C4H6O4                                                                                            |                                                      |
| Synonyms                           | <ul style="list-style-type: none"><li>• Butanedioic acid</li><li>• 1,4-Butanedioic acid</li></ul> |                                                      |
| TEST                               | SPECIFICATION                                                                                     | METHOD                                               |
| Appearance                         | White crystal                                                                                     | Visual                                               |
| Purity by GC %                     | 99.00 %                                                                                           | GC                                                   |
| Residue on Ignition /Residue Ash % | 0.025%                                                                                            | Thermogravimetry                                     |
| Melting Range (Degrees C)          | 185-195 °C                                                                                        | Melting Point Apparatus (Open Capillary Tube Method) |
| Moisture %                         | Max 1.00 %                                                                                        | Karl Fischer Method                                  |
| Arsenic content                    | Max 3 ppm                                                                                         | AAS / XRF                                            |
| Heavy metals (Pb, Hg, As)          | Max 10 ppm                                                                                        | AAS / ICP / Titration                                |
| % Iron                             | Max 10 ppm                                                                                        | AAS                                                  |

#### Product Information:

- As a food additive and dietary supplement, succinic acid is generally recognized as safe by the U.S. Food and Drug Administration.
- Succinic acid is used primarily as an acidity regulator in the food and beverage industry.
- It is also available as a flavoring agent, contributing a somewhat sour and astringent component to umami taste

#### Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

**Product Registration:** Succinic Acid is approved for use in food contact polymer as per the following chapter headings.

Title: 21 - Food And Drugs

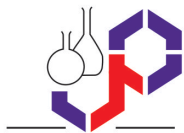
Chapter: I--FOOD AND DRUG ADMINISTRATION DEPARTMENT OF HEALTH AND HUMAN SERVICES

Subchapter: E - ANIMAL DRUGS, FEEDS, AND RELATED PRODUCTS

Part: 582 -- SUBSTANCES GENERALLY RECOGNIZED AS SAFE

Subpart: B - General Purpose Food Additives

Section: 582.1091 Succinic acid



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### Product Disclaimer

**Important :** This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.