



## CITRIC ACID ANHYDROUS AR

Meets Analytical Specification of IP,BP,USP,Ph.Eur.

|  |   |
|--|---|
| <b>PRODUCT CODE</b>                                      | R03179  |
| <b>SYNONYMS</b>  | --  |
| <b>C.I. NO.</b>  | --  |
| <b>CASR NO.</b>  | (77-92-9)   |
| <b>ATOMIC OR MOLECULAR FORMULA</b>                       | C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>  |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>                        | 192.13  |
| <b>PROPERTIES</b>  | Strongly acid test; Very soluble in water and alcohol, soluble in ether. Combustible. |
| <b>PARAMETER</b>   | <b>LIMIT</b>  |
| Description  | A white crystalline powder, Colourless crystals or granules.                          |
| Solubility   | 10% solution in water is clear and colourless.  |
| Identification (By FTIR)                                 | Conforms.   |
| Assay (Acidimetric; calc on anhyd. Sub.)                 | 99.5 – 101.0%   |
| <b>MAXIMUM LIMIT OF IMPURITIES</b>                       |   |
| Residue after ignition                                   | 0.02%   |
| Water  | 0.5%  |
| Insoluble matter   | 0.005%  |
| Chloride (Cl)  | 0.001%  |
| Phosphate (PO <sub>4</sub> )                             | 0.001%  |
| Sulphate (SO <sub>4</sub> )                              | 0.002%  |
| Arsenic (As)   | 0.0001%   |
| Barium (Ba)  | Passes test.  |
| Calcium (Ca)   | 0.02%   |
| Iron (Fe)  | 0.0003%   |
| Lead (Pb)  | 0.0002%   |
| Heavy metals (as Pb)                                     | 0.001%  |
| Oxalate (C <sub>2</sub> O <sub>4</sub> )                 | 0.05%   |
| Oxalic acid  | 0.035%  |
| Organic volatile impurities                              | Meets the requirement.  |
| Readily carbonisable substance                           | Passes test.  |
| <b>Note(s) : Assay (if applicable) method mentioned.</b> |   |
| 2] Store at : <30°C                                      |   |

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**WARNING**

**Hazard statements:** May cause respiratory irritation. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. Toxic to aquatic life.

**Precautionary statements**

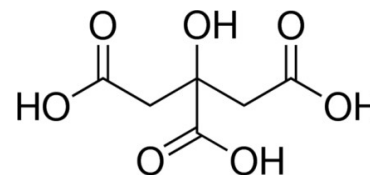
**Prevention:** Wash hands thoroughly after handling.

**Response:** If skin irritation occurs, seek medical advice/attention. Wear eye/faceprotection. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

IMDG Code :

UN No. :

IATA :



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ISO 9001:2008 Co.



# Rehsiff Scientific®

Manufacture & Importer of  
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

to do. Continue rinsing.

**Disposal:** Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :-



Replace Date 1 April 2023

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