

**Product Name****L-(+)-Tartaric acid****Grade: Laboratory****Synonyms**

2,3-Dihydroxybutanedioic acid, Racemic acid, Uvic acid

**CAS Number**

526-83-0

**General Information**

|                          |  |                       |                                |
|--------------------------|--|-----------------------|--------------------------------|
| <b>Chemical formula:</b> | C <sub>4</sub> H <sub>6</sub> O <sub>6</sub> | <b>Molar Mass:</b>    | 150.09 g/mol                   |
| <b>Appearance:</b>       | White solid                                  | <b>Density:</b>       | 1.79 g/cm <sup>3</sup> (20 °C) |
| <b>Solub. in water:</b>  | 1390 g/l                                     | <b>Melting point:</b> | 170 °C                         |
| <b>Boiling point:</b>    | N/A  | <b>Flash point:</b>   | 11 °C                          |
| <b>Storage temp.:</b>    | Below +30 °C                                 | <b>Cautions:</b>      | Irritant                       |
| <b>R:</b>                | 38   | <b>S:</b>             | 2                              |
| <b>HS-No.:</b>           | 2918 12 000                                  | <b>EC-Index-No.:</b>  | 201-766-0                      |

**Hazard Symbol****Specification**

|  |   |                  |     |
|--|---|------------------|-----|
| Assay(by acidimetry)                     |   | 99.7 - 100.5     | %   |
| Identification (IR)                      |   | Conforms         |     |
| Identification (Tartrate)                |   | Conforms         |     |
| Sulfate                                  |   | Conforms         |     |
| Solubility                               |   | Conforms         |     |
| Oxalate (C <sub>2</sub> O <sub>4</sub> ) |   | Conforms         |     |
| Heavy metals (as Pb)                     | ≤ | 10               | ppm |
| Loss on drying (105 °C)                  | ≤ | 0.5              | %   |
| Residue on ignition                      | ≤ | 0.1              | %   |
| Optical rotation                         |   | +12.0° to +13.0° |     |

**Ordering Information**

| Volume:        | 1 Kg            | 2.5 Kg | 5 Kg            | 10 Kg           | 20 Kg |
|----------------|-----------------|--------|-----------------|-----------------|-------|
| <b>Plastic</b> | 434.05.01000.02 | –      | 434.05.05000.02 | 434.05.10000.02 | –     |
| <b>Glass</b>   | –               | –      | –               | –               | –     |