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## Specification Sheet

Product Name: **L-(+)-Tartaric acid**  
Specifications & Purity: **ACS, ≥99.5%**  
SKU #: **T112460**

| Parameter                                                                   | Limit Values                    |
|-----------------------------------------------------------------------------|---------------------------------|
| Ignition Residue (as sulfate)                                               | 0-0.02 (%)                      |
| Iron(Fe)                                                                    | 0-5 (ppm)                       |
| Insoluble matter in H <sub>2</sub> O                                        | 0-0.005 (%)                     |
| Phosphate(PO <sub>4</sub> )                                                 | 0-10 (ppm)                      |
| Chloride (Cl <sup>-</sup> )                                                 | 0-10 (ppm)                      |
| Purity (Titration by NaOH)                                                  | 99.5-100.5 (%)                  |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )                                     | 0-0.002 (%)                     |
| Heavy metal (as Pb)                                                         | 0-5 (ppm)                       |
| Specific Rotation [α] <sub>D</sub> <sup>20</sup> (c=20 in H <sub>2</sub> O) | 10.4-14.4 (°)                   |
| Appearance (T112460)                                                        | white crystal or crystal powder |
| Infrared spectrum                                                           | Conforms to Structure           |
| Oxalate(C <sub>2</sub> O <sub>4</sub> ) (limit 0.1%)                        | Pass                            |

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