



# Product Specification

cdhfinechemical.com

## SODIUM L(+)-ASCORBATE

|                                    |  |
|------------------------------------|--|
| <b>PRODUCT CODE</b>                | <b>218355</b>                                    |
| <b>SYNONYMS</b>                    | --   |
| <b>C.I. NO.</b>                    | --   |
| <b>CASR NO.</b>                    | <b>(134-03-2)</b>                                |
| <b>ATOMIC OR MOLECULAR FORMULA</b> | <b>C<sub>6</sub>H<sub>7</sub>NaO<sub>6</sub></b> |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>  | <b>198.11</b>                                    |
| <b>PROPERTIES</b>                  | <b>Freely soluble in water.</b>                  |



| <b>PARAMETER</b>                              | <b>LIMIT</b>  |
|---|---|
| Description                                   | White or faintly yellow crystals or crystalline powder. |
| Solubility                                    | 10% solution in water is clear.                         |
| Identification ( FTIR)                        | Conforms  |
| Assay (calculated on dried basis, Iodometric) | 99 - 101%   |
| pH of (10% aq. soln.)                         | 7 - 8   |
| Specific optical rotation (10% soln.)         | +103 - +108°  |

| <b>MAXIMUM LIMIT OF IMPURITIES</b>          |              |
|---|--------------|
| Loss on drying (for 24 hrs.at 60°C, vacuum) | 0.25%        |
| Heavy metals (as Pb)                        | 0.002%       |
| Organic volatile impurities                 | Passes test. |

**Note(s) : Assay (if applicable) method mentioned.**

|   |               |
|---|---------------|
| <b>WARNING</b>  | IMDG Code :-- |
| <b>Hazard statements</b> : Not hazardous. No hazards. | UN No. :--    |
| <b>Precautionary statements</b>                       | IATA :--      |
| <b>Prevention</b> :-----                              |               |
| <b>Response</b> :---                                  |               |

**Disposal**: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

**Hazard Pictogram(s)** :-----

REPLACE DATE 27-May-2023