
L-Ascorbic acid, Plant Culture Tested

PCT0207

Product Identifier

| | | |
|-------------------|---|--|
| CAS No. | : | 50-81-7 |
| EC No. | : | 200-066-2 |
| Molecular Formula | : | C ₆ H ₈ O ₆ |
| Molecular Weight | : | 176.12 |
| Synonym | : | Vitamin C |
| HS Code | : | 2936 27 00 |
| Storage | : | Below 30°C |
| Shelf life | : | 3 years |

Technical Specification

| | | |
|---------------------------|---|---|
| Appearance | : | White to pale yellow crystals or powder or solid |
| Solubility | : | 100 mg soluble in 1 mL of water |
| FTIR | : | Matches with the standard pattern. |
| Specific rotation | : | +19.0° to +23.0°(c = 10% in H ₂ O at 25°C) |
| Melting range | : | 190 - 194°C (dec.) |
| Assay (Iodimetry) | : | 99.00 - 101.50% |
| Plant Tissue Culture Test | : | Passes |

Safety Information

| | | |
|---------------|---|---------------------|
| UN No. | : | Not dangerous goods |
| Class | : | - |
| Packing Group | : | - |
| RTECS | : | CI7650000 |
| WGK | : | 1 |