

α -Ketoglutaric acid, Plant Culture Tested

PCT0505

Product Identifier

| | | |
|-------------------|---|--|
| CAS No. | : | 328-50-7 |
| EC No. | : | 206-330-3 |
| Molecular Formula | : | C ₅ H ₆ O ₅ |
| Molecular Weight | : | 146.10 |
| HS Code | : | 2918 30 90 |
| Storage | : | 2 - 8°C |
| Shelf life | : | 4 years |

Technical Specification

| | | |
|---------------------------|---|---|
| Appearance | : | White to light yellow crystals or powder or solid |
| Solubility | : | 33.3 mg soluble in 1 mL of alcohol |
| FTIR | : | Matches with the standard pattern |
| Melting range | : | 109 - 119°C |
| Assay (NaOH Titration) | : | 99.00 - 102.00% |
| Plant Tissue Culture Test | : | Passes |

Safety Information

Hazard Pictogram(s)



| | | |
|----------------------------|---|----------------------------|
| Signal Word | : | Danger |
| Hazard Statement(s) | : | H318 |
| Precautionary Statement(s) | : | P280- P305+P351+P338- P310 |
| UN No. | : | Not dangerous goods |
| Class | : | - |
| Packing Group | : | - |
| RTECS | : | Not available |
| WGK | : | 1 |