
tri-Potassium citrate monohydrate, Hi-AR™

GRM4514

Product Identifier

| | | |
|-------------------|---|-------------------------------------------------------------------------------|
| CAS No. | : | 6100-05-6 |
| EC No. | : | 231-905-0 |
| Molecular Formula | : | C ₆ H ₅ K ₃ O ₇ ·H ₂ O |
| Molecular Weight | : | 324.41 |
| HS Code | : | 2918 15 90 |
| Storage | : | Below 30°C |
| Shelf life | : | 4 years |

Technical Specification

| | | |
|------------------------------------------|---|---------------------------------------------------------------------------|
| Appearance | : | Transparent or white to off-white crystals or granules or powder or solid |
| Solubility | : | 100 mg soluble in 1 mL of water |
| pH (5% in water at 20°C) | : | 7.50 - 9.50 |
| Ammonium (NH ₄) | : | <= 0.001% |
| Arsenic (As) | : | <= 0.00004% |
| Chloride (Cl) | : | <= 0.001% |
| Lead (Pb) | : | <= 0.0005% |
| Iron (Fe) | : | <= 0.0005% |
| Sulfate (SO ₄) | : | <= 0.005% |
| Copper (Cu) | : | <= 0.00005% |
| Nitrogen compounds (N) | : | <= 0.001% |
| Water insoluble matter | : | <= 0.003% |
| Sodium (Na) | : | <= 0.05% |
| Oxalate (C ₂ O ₄) | : | <= 0.01% |
| Water (K.F.) | : | 4.00 - 7.00% |
| Assay (NT, anhydrous basis) | : | 99.00 - 101.00% |

Safety Information

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