

tri-Ammonium citrate, Hi-AR™

GRM473


Product Identifier

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|-------------------|---|--|
| CAS No. | : | 3458-72-8 |
| EC No. | : | 222-394-5 |
| Molecular Formula | : | C ₆ H ₁₇ N ₃ O ₇ |
| Molecular Weight | : | 243.22 |
| HS Code | : | 2918 15 90 |
| Storage | : | Below 30°C |
| Shelf life | : | 4 years |

Technical Specification

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|-----------------------------|---|--|
| Appearance | : | White to off-white deliquescent crystals or powder |
| Solubility | : | 33.3 mg soluble in 1 mL of water |
| pH (5% in water at 25°C) | : | 6.00 - 7.50 |
| FTIR | : | Matches with the standard pattern |
| Melting range | : | 180 - 190°C (dec.) |
| Chloride (Cl) | : | <= 0.001% |
| Sulphate (SO ₄) | : | <= 0.005% |
| Heavy metals (as Pb) | : | <= 0.0005% |
| Iron (Fe) | : | <= 0.0005% |
| Sulphated ash | : | <= 0.01% |
| Sodium (Na) | : | <= 0.004% |
| Potassium (K) | : | <= 0.003% |
| Copper (Cu) | : | <= 0.00005% |
| Assay (NaOH-back Titration) | : | 98.50 - 101.00% |

Safety Information

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|----------------------------|---|---|
| Hazard Pictogram(s) | : |  |
| Signal Word | : | Warning |
| Hazard Statement(s) | : | H315- H319- H335 |
| Precautionary Statement(s) | : | P261- P305+P351+P338 |
| UN No. | : | Not dangerous goods |
| Class | : | - |
| Packing Group | : | - |
| RTECS | : | Not available |
| WGK | : | 3 |