

Bismuth(III)nitrate pentahydrate, Hi-AR™/ACS

GRM742


Product Identifier

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|-------------------|---|--|
| CAS No. | : | 10035-06-0 |
| EC No. | : | 233-791-8 |
| Molecular Formula | : | Bi(NO ₃) ₃ .5H ₂ O |
| Molecular Weight | : | 485.07 |
| Synonym | : | Bismuth nitrate pentahydrate |
| HS Code | : | 2834 29 90 |
| Storage | : | Below 30°C |
| Shelf life | : | 4 years |

Technical Specification

| | | |
|----------------------------|---|--|
| Appearance | : | Colourless or white deliquescent crystals or powder or chunks or solid |
| Solubility | : | 33.3 mg soluble in 1 mL of dilute acid |
| Arsenic (As) | : | <= 0.001% |
| Chloride (Cl) | : | <= 0.001% |
| Calcium (Ca) | : | <= 0.005% |
| Copper (Cu) | : | <= 0.002% |
| Iron (Fe) | : | <= 0.001% |
| Lead (Pb) | : | <= 0.002% |
| Potassium (K) | : | <= 0.01% |
| Sodium (Na) | : | <= 0.02% |
| Silver (Ag) | : | <= 0.001% |
| Sulfate (SO ₄) | : | <= 0.005% |
| Insoluble matter | : | <= 0.005% |
| Assay (EDTA Titration) | : | 98.00 - 102.00% |

Safety Information

| | | |
|----------------------------|---|---|
| Hazard Pictogram(s) | : |  |
| Signal Word | : | Danger |
| Hazard Statement(s) | : | H272- H315- H319- H335 |
| Precautionary Statement(s) | : | P210- P261- P280- P312- P370 + P378- P403 + P233 |
| UN No. | : | 1477 |
| Class | : | 5.1 |
| Packing Group | : | II |
| RTECS | : | Not available |
| WGK | : | 2 |