|  |  |  |  |
| --- | --- | --- | --- |
| **S.no** | **Description** | **UOM** | **Specification** |
|  | Physical State / Color | - | Crystalline solid/white |
|  | Assay Content | % | 99 |
|  | Odor | - | Odorless |
|  | Grade | % | AR |
|  | Mol. Wt. | g/mole | 169.87 |
|  | **Element** | **%** | **Percentage** |
|  | Silver Nitrate | % | 99 |
|  | Substance insoluble water | % | 0.003 |
|  | Sulphates | % | 0.0025 |
|  | Chlorides | % | 0.0005 |
|  | Iron | % | 0.0003 |
|  | Bismuth | % | 0.001 |
|  | Melting point | °C | 212 |
|  | Boiling point | °C | 440 |
|  | Supplier | - | Sneha Scientific |
|  | MSDS no. | - | XXXX |
|  | CAS no. |  | 7761-88-8 |
|  | **Acceptance Criteria** | | |
|  | Visual Acceptance | - | Crystalline solid |
|  | Assay Content | % | 98±1 |
|  | Boiling point | °C | 440 |
|  | **Properties to be tested** | **Test Method** | **Test Agency** |
|  | Quantitative & qualitative analysis | ICPMS/Titration | NABL, IIT-HYD, CMET |
|  | Purity Analysis | NMR | IIT-HYD/CMET |