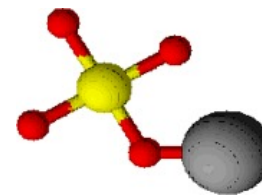


| M1470TT                 | Gold Line |
|-------------------------|-----------|
| <b>Typical analysis</b> |           |
| Assay                   | 99%       |
| Chloride (Cl)           | 0.005%    |
| Lead (Pb)               | 0.01%     |

| Packaging              |
|------------------------|
| 100g black plastic jar |
| 500g black plastic jar |

| M1475TT                     | Platinum Line |
|-----------------------------|---------------|
| <b>Warranty certificate</b> |               |
| Assay                       | min 99%       |
| Chloride (Cl)               | 0.003%        |
| Iron (Fe)                   | 0.005%        |
| Lead (Pb)                   | 0.005%        |
| Mercurous salts             | 0.1%          |
| Nitrate (NO <sub>3</sub> )  | 0.005%        |
| Residue on ignition         | 0.04%         |

| Packaging              |
|------------------------|
| 100g black plastic jar |
| 500g black plastic jar |



| Physical properties, composition and data |   |
|---|---|
| Chemical formula                          | HgSO <sub>4</sub> or HgO <sub>4</sub> S   |
| Synonym                                   | Mercury II sulphate; Mercury bisulphate; Mercury persulphate  |
| Chemical group                            | Sulphates   |
| Atomic weight                             | 296.65  |
| Appearance                                | White granules or crystalline powder  |
| Solubility                                | Soluble in water, hydrochloric acid, hot diluted sulphuric acid, concentrated solution of sodium chloride |
| Melting point                             | Decomposes at red heat  |
| Density (g/ml)                            | 6.466   |
| pH (aqueous solution)                     | 1   |
| Other information                         | Turns yellow when wet   |

| Laboratory preparation, applications and practices |  |
|--|--|
| Laboratory preparation                             | By the action of sulphuric acid on mercury with subsequent crystallization |
| Usage  | Analytical reagent   |

| Storage and handling information |                    |
|----------------------------------|--------------------|
| Storage                          | Protect from light |
| Safety phrases                   | 13-28-45-60-61     |
| Risk phrases                     | 26/27/28-33-50/53  |
| Disposal methods                 | 6                  |

| Transport regulations |            |
|-----------------------|------------|
| Tariff code           | 2833.29.70 |
| Hazardous class       | 6.1        |
| Packing group         | II         |
| UN number             | 1645       |
| ERG number            | 151        |

