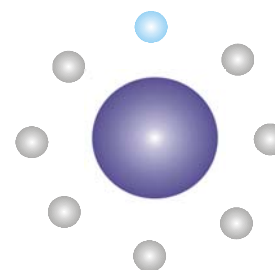


| I1165T | Gold Line |
|-------------------------|-----------|
| resublimed | |
| Typical analysis | |
| Assay | 99.5% |
| Chloride & bromide | 0.025% |
| Non-volatile matter | 0.05% |

| Packaging |
|------------------------|
| 25g black plastic jar |
| 100g black plastic jar |
| 500g black plastic jar |

| I1166T | Platinum Line |
|-----------------------------|---------------|
| resublimed | |
| Warranty certificate | |
| Assay (Oxidimetric) | min 99.8% |
| Chloride & bromide | 0.001% |
| Non-volatile matter | 0.01% |
| Sulphate (SO ₄) | 0.005% |

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



Physical properties, composition and data

| | |
|-------------------------|---|
| Chemical formula | I ₂ |
| Valence | 1 to 7, usually monovalent |
| Periodic table | Element No. 53 |
| Chemical group | Halogens |
| Occurrence in nature | Halogen occurring in igneous rocks, seaweed and seawater |
| Atomic weight | 253.81 |
| Appearance | Bluish-black scales, plates or granules |
| Odour | Characteristic odour |
| Solubility | Soluble in water, alkaline solutions of iodides, ethanol, carbon disulphide, chloroform, ether, carbon tetrachloride, glycerol, glacial acetic acid, benzene, cyclohexane |
| Melting point | 113.60°C |
| Boiling point | 185.24°C |
| Density (g/ml) | 4.93 |
| Incompatible substances | Alkaloids, starch, tannis |
| Other information | Deteriorates by natural causes |
| Hazardous material | Toxic |

Laboratory preparation, applications and practices

Usage Analytical and synthesis reagent. Preparation of iodimetric solutions. Catalyst in the alkylation of aromatic amine.

Storage and handling information

| | |
|------------------|---|
| Storage/handling | Store in a dark bottle in a dark place separated from incompatible, combustible substances, reducing agents and ammonia |
| Safety phrases | 23-25-61 |
| Risk phrases | 20/21-50 |
| Disposal methods | 8 |

Transport regulations

| | |
|-----------------|------------|
| Tariff code | 2801.20.00 |
| Hazardous class | 6.1 |
| Packing group | II |
| UN number | 3290 |

