

N1635NN Gold Line

fine powder

Typical analysis

| | |
|-----------------------------|-------|
| Assay | 99.8% |
| Calcium (Ca) | 0.03% |
| Cobalt (Co) | 0.2% |
| Iron (Fe) | 0.02% |
| Sulphate (SO ₄) | 0.03% |

Packaging

500g white plastic bottle

N1634CC Platinum Line

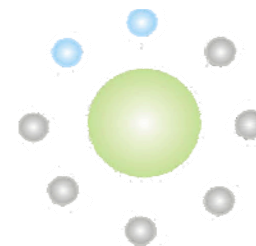
1000ppm solution

Warranty certificate

Metal content guaranteed within 0.5% of the nominal value. Solution containing 1000ppm nickel w/v in 1N HNO₃

Packaging

500ml clear plastic bottle

**Physical properties, composition and data**

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|------------------------|---|
| Chemical formula | Ni |
| Valence | 2, seldom 1, 3 & 4 |
| Periodic table | Element No. 28 |
| Chemical group | Transition metals |
| Occurrence in nature | In the Earth's crust in the minerals pentlandite, niccolite, millerite and garnierite |
| Solution | Nickel and nitric acid |
| Atomic weight | 58.69 |
| Weight per litre | 1.025kg |
| Appearance | Fine grey powder. Clear solution |
| Solubility/miscibility | Solution miscible with concentrated hydrochloric and sulphuric acids |
| Melting point | Powder: 1555 °C and Solution: -4 °C |
| Boiling point | 2837 °C |
| Density (g/ml) | Solution: 1.02 |
| pH (aqueous solution) | Solution: 0.5 |
| Hazardous material | Solution: Corrosive |

Laboratory preparation, applications and practices

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| Usage | Analytical reagent |
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Storage and handling information

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|------------------|---|
| Safety phrases | Powder: 6-22-26-36 and Solution: 26 |
| Risk phrases | Powder: 10-17/36/37/38/40/42/43 and Solution: 36/38 |
| Disposal methods | Solution: 26 |

Transport regulations

| | |
|-----------------|---|
| Tariff code | Powder: 7504.00.00 and Solution: 3822.00.00 |
| Hazardous class | Powder: 4.1 and Solution: 8 |
| Packing group | Powder: II and Solution: II |
| UN number | Powder: 3089 and Solution: 1760 |
| ERG number | 157 |

| Powder | Solution |
|--------|----------|
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