

C0568NN Gold Line

metal clippings

Typical analysis

Assay 99.8%

Packaging

500g white plastic jar

C0572CC Platinum Line

1000ppm solution

Warranty certificateSolution containing 1000ppm copper w/v in approximately 1N HNO₃. Metal content guaranteed within 0.5% of nominal value**Packaging**

500ml clear plastic bottle

C0569NN Gold Line

metal foil

Typical analysis

Assay 99.8%

Antimony (Sb) 0.005%

Arsenic (As) 0.0002%

Iron (Fe) 0.005%

Lead (Pb) 0.05%

Magnesium (Mg) 0.005%

Tin (Sn) 0.005%

Packaging

250g white plastic jar

500g white plastic jar

C0570NN Gold Line

metal powder

Typical analysis

Assay 99%

Arsenic (As) 0.001%

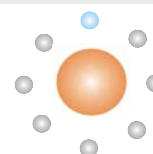
Iron (Fe) 0.001%

Lead (Pb) 0.005%

Packaging

250g white plastic jar

500g white plastic jar

**Physical properties, composition and data**

Chemical formula Cu

Valence 1

Periodic table Element No. 29

Solution mixture Nitric acid and copper

Weight per litre 1.02kg

Atomic weight 63.546

Occurrence in nature In the Earth's crust and sea water as well as in combined form in several minerals such as chalcopyrite, chalcocite, bornite, malachite and azurite

Appearance Reddish, lustrous powder, pieces or sheets. Light blue liquid

Solubility/miscibility Soluble in concentrated sulphuric acid and hydrobromic acid. Solution: miscible with water and ethanol

Melting point Metal 1083°C and solution: -4°C

Boiling point Metal 2595°C and solution: 100°C

Density (g/ml) Metal 8.92 and solution: 10.3

pH (aqueous solution) 0.5

Hazardous material Corrosive

Laboratory preparation, applications and practices

Usage Analytical and synthesis reagent. Spectrophotometry

Filter paper Filtech no: no: 0222, 0225, 1839

Storage and handling information

Disposal methods 3

Transportation regulations

Tariff number Metal 7409.11.00 and solution: 3822.00.00

Hazardous class Solution: 8

Packing group Solution: II

UN number Solution: 1760

ERG number Solution: 154

ECB number 231-159-6

