

Z3104NN	Gold Line
foil	
<b>Typical analysis</b>	
Assay (Oxidimetric)	98%
Copper (Cu)	0.01%
Lead (Pb)	0.05%
Tin (Sn)	0.01%

**Packaging**

250g white plastic jar

Z3102NN	Gold Line
granular (mossy)	
<b>Typical analysis</b>	
Arsenic (As)	0.0001%
Lead (Pb)	0.05%

**Packaging**

500g white plastic jar

Z3100FF	Gold Line
metal powder	
<b>Typical analysis</b>	
Assay (Zn)	95%
Arsenic (As)	0.00002%
Cadmium (Cd)	0.05%
Chloride (Cl)	0.05%
Iron (Fe)	0.08%
Lead (Pb)	0.2%

**Packaging**100g white plastic jar  
500g white plastic jar

Z3103NN	Platinum Line
granular (mossy)	
<b>Warranty certificate</b>	
Arsenic (As)	0.00001%
Iron (Fe)	0.01%
Lead (Pb)	0.01%

**Packaging**

500g white plastic jar

Z3101FF	Platinum Line
metal powder	
<b>Warranty certificate</b>	
Assay (Zn)	min 95%
Arsenic (As)	0.00001%
Cadmium (Cd)	0.02%
Chloride (Cl)	0.04%
Iron (Fe)	0.05%
Lead (Pb)	0.15%

**Packaging**

500g white plastic jar

Z3105CC	Platinum Line
1000ppm solution	
<b>Warranty certificate</b>	
Metal content guaranteed within 0.5% of the nominal value. Solution containing 1000ppm w/v zinc in 1N HNO <sub>3</sub>	

**Packaging**

500ml clear plastic bottle

**Physical properties, composition and data**

Chemical formula	Zn
Valence	2
Occurrence in nature	In the Earth's crust in the minerals sphalerite, zincite, smithsonite, hemimorphite, willemite and franklinite
Periodic table	Element No. 30
Atomic weight	65.37
Weight per litre	1.022kg
Appearance	Silver to grey metallic powder, pieces, foil
Solubility	Acids
Melting point	419.58°C and Solution: -10°C
Boiling point	907°C and Solution: 101°C
Density (g/ml)	7.14 and Solution: 1.03
pH (aqueous solution)	Solution: <1
Incompatible substances	Nitric acid
Other information	Burns in air with a bluish-green flame
Hazardous material	Powder flammable and solution corrosive

**Laboratory preparation, applications and practices**

Usage	Analytical reagent
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**Storage and handling information**

Storage/handling	Keep container tightly closed separated from incompatible substances
Safety phrases	7/8-43
Risk phrases	10 - 15 and solution 36/38
Disposal methods	3

**Transport regulations**

Tariff code	7903.10.00 and solution: 3822.00.00
Hazardous class	4.3 and solution: 8
Packing group	III and solution: II
UN number	1760

