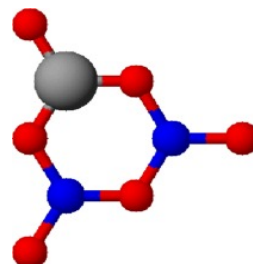


Z330000 Gold Line**Typical analysis**

Assay (Complexometric)	99%
Ammonium (NH ₃)	0.03%
Arsenic (As)	0.0005%
Chloride (Cl)	0.001%
Copper (Cu)	0.0005%
Free acid (HNO ₃)	0.05%
Heavy metals (as Pb)	0.005%
Iodate	0.0005%
Iron (Fe)	0.002%
Lead (Pb)	0.01%
Phosphate (PO ₄)	0.001%
Sulphate (SO ₄)	0.005%
Water-insoluble matter	0.005%

Packaging

500g white plastic jar

**Physical properties, composition and data**

Chemical formula	Zn(NO ₃) ₂ ·6H ₂ O or N ₂ O ₆ Zn·6H ₂ O
Chemical group	Nitrates
Synonym	Nitric acid zinc salt
Atomic weight	297.48
Appearance	Colourless crystals or lumps
Solubility	Soluble in water and ethanol
Melting point	36.4°C
Boiling point	Loses water of crystallisation between 105 - 131°C
Density (g/ml)	2.065
pH (aqueous solution)	3.9 - 5.1
Hazardous material	Oxidizer

Laboratory preparation, applications and practices

Laboratory preparation	Action of nitric acid on zinc or zinc oxide
Usage	Analytical reagent. Mordant in dyeing. Catalyst

Storage and handling information

Storage/handling	Keep container tightly closed in an isolated cool place separated from combustible substances
Safety phrases	17/24/25
Risk phrases	8-22-36/37/38
Disposal methods	3

Transport regulations

Tariff code	2834.29.90
Hazardous class	5.1
Packing group	II
UN number	1514
ERG number	140

