

**N1680CC Gold Line**

55%

**Typical analysis**

Assay	55%
Arsenic (As)	0.00001%
Chloride (Cl)	0.0001%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Residue on evaporation	0.0015%
Sulphate (SO <sub>4</sub> )	0.0003%

**Packaging**

500ml clear plastic bottle  
2.5l clear plastic bottle  
25l black plastic drum

**N1681CC Platinum Line**

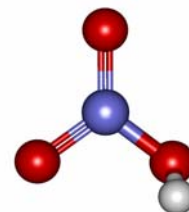
55%

**Warranty certificate**

Assay	min 55%
Arsenic (As)	0.000004%
Chloride (Cl)	0.00001%
Iron (Fe)	0.0001%
Lead (Pb)	0.0001%
Non-volatile matter	0.003%
Residue on evaporation	0.001%
Sulphate (SO <sub>4</sub> )	0.0001%

**Packaging**

500ml clear plastic bottle  
2.5l clear plastic bottle

**Physical properties, composition and data**

Chemical formula	HNO <sub>3</sub>
Synonym	Aqua fortis; Azotic acid; Engraver's acid
Chemical group	Nitrates   Acids
Atomic weight	63.01
Weight per litre	1.34kg
Appearance	Transparent, colourless to light yellowish liquid
Odour	Choking odour
Melting point	-32°C
Boiling point	83 - 122°C
Density (g/ml)	1.31
pH (aqueous solution)	<1
Hazardous material	Corrosive
Miscibility	Miscible with water

**Laboratory preparation, applications and practices**

Laboratory preparation	Catalytic oxidation of ammonia
Usage	Analytical reagent. Oxidising agent
Filter paper	Filtech no: 0222, 0225, 1839

**Storage and handling information**

Storage/handling	Store separated from combustible substances, reducing agents and strong bases in area equipped with floor ventilation
Safety phrases	23-26-36-45
Risk phrases	35
Disposal methods	1

**Transport regulations**

Tariff code	2808.00.00
Hazardous class	8
Packing group	II
UN number	2031
ERG number	157

