

**S257000 Gold Line****Typical analysis**

Assay	98%
Arsenic (As)	0.0003%
Chloride (Cl)	0.5%
Lead (Pb)	0.001%
Sulphate (SO <sub>4</sub> )	0.5%

**Packaging**

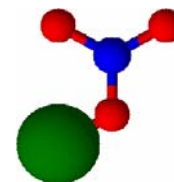
500g white plastic jar

**S257100 Platinum Line****Warranty certificate**

Assay (Acidimetric)	min 99%
Ca, Mg and R <sub>2</sub> O <sub>3</sub> precipitate	0.005%
Iodate (IO <sub>3</sub> )	0.0005%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.02%
Nitrite (NO <sub>2</sub> )	0.001%
Phosphate (PO <sub>4</sub> )	0.0005%
Sulphate (SO <sub>4</sub> )	0.003%
Total chlorine (Cl)	0.001%
Water-insoluble matter	0.005%

**Packaging**

500g white plastic jar

**Physical properties, composition and data**

Chemical formula	NaNO <sub>3</sub> or NNaO <sub>3</sub>
Synonym	Chile saltpeter; Cubric niter; Nitric acid sodium salt; Soda niter
Chemical group	Nitrates
Atomic weight	84.99
Appearance	Colourless, transparent crystals, white powder or granules
Solubility	Soluble in water, slightly in ethanol and methanol
Melting point	306.8°C
Boiling point	Decomposes at 380°C
Density (g/ml)	2.261
pH (aqueous solution)	5.5 - 8.3
Hazardous material	Oxidizer

**Laboratory preparation, applications and practices**

Laboratory preparation	From nitric acid and sodium carbonate
Usage	Analytical reagent. Oxidising reagent for the decomposition of organic and inorganic samples by fusion

**Storage and handling information**

Storage	Keep container tightly closed in an isolated place separated from combustible substances, reducing agents and strong acids
Safety phrases	16-41
Risk phrases	9
Disposal methods	3
Caution	Explodes at 537°C

**Transport regulations**

Tariff code	3102.50.90
Hazardous class	5.1
Packing group	III
UN number	1498
ERG number	140
ECB number	231.554-3

