

S2490NN Gold Line**Typical analysis**

Assay	98%
Arsenic (As)	0.0005%
Chloride (Cl)	0.05%
Iron (Fe)	0.002%
Lead (Pb)	0.00005%
Sulphate (SO ₄)	0.05%

Packaging

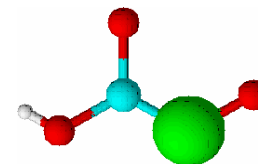
500g white plastic jar

S2491NN Platinum Line**Warranty certificate**

Assay (Alkalimetric)	min 99.2%
Ammonium (NH ₄)	0.002%
Arsenic (As)	0.0002%
Calcium (Ca)	0.01%
Chloride (Cl)	0.01%
Copper (Cu)	0.001%
Iron (Fe)	0.001%
Lead (Pb)	0.0005%
Loss on drying (silica gel)	0.2%
Phosphate (PO ₄)	0.01%
Potassium (K)	0.01%
Sulphate (SO ₄)	0.003%
Water-insoluble matter	0.015%

Packaging

500g white plastic jar

**Physical properties, composition and data**

Chemical formula	NaHCO ₃ or CHNaO ₃
Synonym	Baking soda; Sodium acid carbonate; Sodium bicarbonate
Chemical group	Bicarbonates
Atomic weight	84.01
Appearance	White crystalline powder or granules
Solubility	Soluble in water, slightly in ethanol
Melting point	270°C
Boiling point	Decomposes
Density (g/ml)	2.159
pH (aqueous solution)	8.2 - 8.5

Laboratory preparation, applications and practices

Laboratory preparation	By treating a saturated solution of soda ash with carbon dioxide to precipitate the less soluble bicarbonate
Usage	Analytical reagent

Storage and handling information

Storage	Store separated from acids
Disposal methods	3

Transport regulations

Tariff code	2836.30.00
ECB number	205-633-8

