

S2464NN Gold Line

anhydrous	
Typical analysis	
Assay	99%
Chloride (Cl)	0.03%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Sulphate (SO ₄)	0.01%
Water-insoluble matter	0.01%

Packaging

500g white plastic jar
5kg white plastic bucket

S2465NN Platinum Line

anhydrous	
Warranty certificate	
Assay (on dry substance)	min 99.5%
Calcium (Ca)	0.03%
Chloride (Cl)	0.001%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Loss on drying (285°C)	1%
Phosphate (PO ₄)	0.001%
Potassium (K)	0.005%
Sulphate (SO ₄)	0.002%
Water-insoluble matter	0.1%

Packaging

500g white plastic jar

S2466NN Platinum Line

decahydrate	
Warranty certificate	
Assay	min 99%
Arsenic (As)	0.0002%
Chloride (Cl)	0.003%
Copper (Cu)	0.001%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Loss on drying	55 - 65%
Potassium (K)	0.02%
Sulphate (SO ₄)	0.01%
Zinc (Zn)	0.001%

Packaging

500g white plastic jar

Physical properties, composition and data

Chemical formula	Na ₂ CO ₃ (anhydrous), Na ₂ CO ₃ ·10H ₂ O (decahydrate)
Synonym	Anhydrous soda; Soda ash; Solvay soda
Chemical group	Carbonates
Occurrence in nature	In the Earth's crust in thermonatrite, natron or natrite
Atomic weight	Anhydrous 105.99 and decahydrate 286.14
Appearance	White powder or crystals
Solubility	Soluble in water and glycerol
Melting point	851°C
Boiling point	Decomposes
Density (g/ml)	2.532
pH (aqueous solution)	11.5
Other Information	Hygroscopic

Laboratory preparation, applications and practices

Usage	Analytical reagent
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Storage and handling information

Storage	Keep container tightly closed separated from acids
Safety phrases	22-26
Risk phrases	36
Disposal methods	3

Transport regulations

Tariff code	2836.20.00
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