

S2660NN Gold Line

pentahydrate

Typical analysis

Assay	99%
Insoluble matter	0.4%
Iron (Fe)	0.005%
Lead (Pb)	0.001%
Sulphate (SO ₄)	0.2%

Sulphide (S)	0.001%
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Packaging

500g white plastic jar

S2661NN Platinum Line

pentahydrate

Warranty certificate

Assay (Iodometric)	99 - 101%
Chloride (Cl)	0.05%
Iron (Fe)	0.001%
Lead (Pb)	0.0005%
Loss on drying	32 - 37%
Sulphate (SO ₄)	0.2%
Sulphide, sulphurs (S)	0.0005%
Total nitrogen (N)	0.002%
Water-insoluble matter	0.005%

Packaging

500g white plastic jar

S2665NN Platinum Line

0.1N (0.1M) solution

Warranty certificate

Standardised with starch indicator against potassium dichromate

Packaging

2.5l black plastic bottle

S2666NN Platinum Line

N/10 (0.1N) solution

Warranty certificate

Standardised with starch indicator against potassium dichromate

Packaging

plastic ampoule

Physical properties, composition and data

Chemical formula	Na ₂ S ₂ O ₃ ·5H ₂ O or Na ₂ O ₃ S ₂ ·5H ₂ O
Synonym	Antichlor; Hypo; Sodium hyposulphite; Sodium subsulphite
Chemical group	Sulphates
Atomic weight	248.18
Appearance	White, translucent crystals, granules or powder. Clear, colourless, aqueous solution
Solubility	Soluble in/miscible with water
Melting point	48.5°C
Boiling point	Decomposes. Solution: 100°C
Density (g/ml)	Crystals 1.729 and solution 1.01
pH (aqueous solution)	6.5 - 9.5
Incompatible substances	Iodine, chlorine, acids, lead salts, mercury salts, silver salts

Laboratory preparation, applications and practices

Usage	Analytical reagent. Preparation of volumetric solutions for iodometry. Reagent for detection of hydrocyanic acid, quinine, chloral hydrate and cobalt
Filter paper	Filtech no: 0222, 0225, 1839

Storage and handling information

Storage	Store separated from incompatible substances
Disposal methods	3

Transport regulations

Tariff code	2832.30.00
ECB number	231-867-5

