

S2637NN Gold Line

anhydrous

Typical analysis

Assay	96%
Chloride (Cl)	0.05%
Iron (Fe)	0.002%
Lead (Pb)	0.002%

Packaging

500g white plastic jar

S2638NN Platinum Line

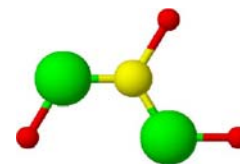
anhydrous

Warranty certificate

Assay	min 97%
Chloride (Cl)	0.02%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Selenium (Se)	0.001%
Thiosulphate (S ₂ O ₃)	0.05%
Water-insoluble matter	0.005%

Packaging

500g white plastic jar

**Physical properties, composition and data**

Chemical formula	Na ₂ SO ₃ or Na ₂ O ₃ S
Synonym	Disodium sulphite
Chemical group	Sulphites
Atomic weight	126.04
Appearance	White crystals or powder
Solubility	Soluble in water and glycerol
Melting point	Decomposes at red heat
pH (aqueous solution)	9.7
Products of decomposition	Oxidizes in air to sulphate
Density (g/ml)	2.633

Laboratory preparation, applications and practices

Laboratory preparation	Sulphur dioxide is reacted with soda ash and water and a solution of the resulting sodium bisulphite is treated with additional soda ash
Usage	Analytical reagent. Dissolution of cellulose. Reagent for identification of iodates in the presence of chlorates and bromates. Inhibitor of gram+ bacteria in culture media

Storage and handling information

Storage	Keep container tightly closed in a cool place separated from acids
Risk phrases	31-36/37
Disposal methods	3

Transport regulations

Tariff code	2832.10.00
ECB number	231-821-4

