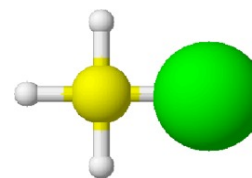


S2445FF Platinum Line**Warranty certificate**

Assay (Oxidimetric) min 95%
 Suitable for AA spectroscopy

Packaging

100g white plastic jar

**Physical properties, composition and data**

Chemical formula	NaBH ₄ or NaH ₄ B or N ₄ BNa
Synonym	Sodium tetrahydroborate
Chemical group	Borohydrides
Atomic weight	37.83
Appearance	White crystalline powder
Solubility	Soluble in water, ammonia, amines, pyridine, ethylene, diamine, morpholine, methanol, ethanol, tetrahydrofuran, tetrahydrofurfuryl, diglyme and dimethylformamide
Melting point	>400°C with slow decomposition
Boiling point	Decomposes rapidly at 500°C
Density (g/ml)	1.07
pH (aqueous solution)	11
Products of decomposition	Reacts with water to form hydrogen
Other information	Hygroscopic
Hazardous material	Flammable

Laboratory preparation, applications and practices

Laboratory preparation	Prepared by the reaction of methyl borate and sodium hydride at elevated temperatures
Usage	Reducing agent for aldehydes, ketones and Schiff bases in non-aqueous solvents. Analytical and synthesis reagent

Storage and handling information

Storage	Store in a dry place, separated from oxidants
Safety phrases	7/8-26-43-45
Risk phrases	11-15-25-34
Disposal methods	12

Transport regulations

Tariff code	2850.00.00
Hazardous class	4.3
Packing group	II
UN number	1426
ERG number	141

