

B0190TI Gold Line

dihydrate

Typical analysis

Assay	98%
Calcium (Ca)	0.06%
Insoluble matter	0.1%
Iron (Fe)	0.003%
Lead (Pb)	0.005%
Sulphur (S)	0.008%

Packaging

500g white plastic jar

B0191TI Platinum Line

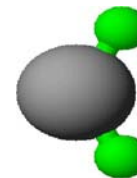
dihydrate

Warranty Certificate

Assay	min 99%
Calcium (Ca)	0.001%
Iron (Fe)	0.0002%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.0005%
Potassium (K)	0.001%
Sodium (Na)	0.001%

Packaging

500g white plastic jar

**Physical properties, composition and data**

Chemical formula	BaCl ₂ ·2H ₂ O
Chemical group	Barium compounds, Chlorides, Metal halides
Synonym	Chlorides
Atomic weight	244.27
Appearance	White crystals or white crystalline powder
Solubility	Soluble in methanol and water (357g/l at 20°C)
Melting point	963°C with loss of crystal water
Boiling point	34.7°C
Density (g/ml)	3.097
pH (aqueous solution)	5.2 - 8.2
Flame colour	Green/yellow
Other information	Hygroscopic
Hazardous material	Toxic and irritant

Laboratory preparation, applications and practices

Laboratory preparation	Barium hydroxide or barium carbonate with hydrochloric acid
Usage	Analytical reagent. Identification and quantitative determination of sulphates

Storage and handling information

Storage / handling	Keep container tightly closed
Safety phrases	28
Risk phrases	20/22
Disposal methods	3

Transport regulations

Tariff code	2827.28.00
Hazardous class	6.1
Packing group	III
UN number	1564
ERG number	154

