

A0144HH Gold Line

metal lumps

Typical analysis

Assay 99.9%

Packaging

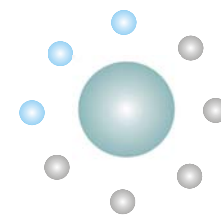
10g white plastic jar

A0145FH Gold Line

metal powder

Typical analysisAssay 99%
Particle size 35-160 microns**Packaging**

50g white plastic jar

**Physical properties, composition and data**

Chemical formula	Sb
Periodic table	Element No. 51
Valence	3 & 5
Chemical group	Metalloids/Pnictogen
Synonym	Stibium; Regulus of antimony
Occurrence in nature	Antimony ore, stibnite, with two natural isotopes
Atomic weight	121.75
Appearance	Lumps: silver-white, lustrous, hard, brittle metal. Powder: dark grey and lustrous
Melting point	630°C
Boiling point	1635°C
Hazardous material	Lumps harmful and powder flammable

Laboratory preparation, applications and practices

Laboratory preparation	Reduction of antimony pentoxide with potassium cyanide
Usage	Hardening agent for lead

Storage and handling information

Safety phrases	22
Risk phrases	20/22
Disposal methods	3
Caution	Reacts with nascent hydrogen to form stibine which is extremely toxic

Transport regulations

Tariff code	8110.00.11
Hazardous class	6.1
Packing group	III
UN number	2871
ERG number	170

