

H1107TC	Gold Line
48%	
Typical analysis	
Assay	48%
Chloride (Cl)	0.2%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Residue on ignition	0.01%

Packaging
2.5l amber glass bottle

H1108TC	Platinum Line
48%	
Warranty certificate	
Assay (Acidimetric)	min 48%
Arsenic (As)	0.00005%
Calcium (Ca)	0.001%
Chloride (Cl)	0.01%
Iodine (I)	0.0005%
Iron (Fe)	0.0001%
Magnesium (Mg)	0.0005%
Lead (Pb)	0.0003%
Residue on ignition	0.002%
Sulphate (SO ₄)	0.001%

Packaging
500ml amber glass bottle
2.5l amber glass bottle



Physical properties, composition and data	
Chemical formula	HBr
Synonym	Hydrogen bromide solution
Chemical group	Bromides
Atomic weight	80.92
Weight per litre	1.49kg
Appearance	Colourless to faintly yellow liquid
Odour	Acrid odour
Miscibility	Miscible with water and alcohol
Melting point	-11°C
Boiling point	126°C
Density (g/ml)	1.49
pH (aqueous solution)	Strongly acidic
Incompatible substances	Carbonates, hydrogen carbonates, hydroxide
Other information	Darkens on exposure to air and light
Hazardous material	Toxic and corrosive

Laboratory preparation, applications and practices	
Laboratory preparation	By dissolving hydrogen bromide in water or by distilling from a mixture of sodium bromide and 50% sulphuric acid
Usage	Analytical chemistry and organic preparations
Filter paper	Filtech no: 0222, 0225, 1839

Storage and handling information	
Storage/handling	Keep container tightly closed and protected from light with ventilation along the floor, separated from incompatible substances
Safety phrases	7/9-26-45
Risk phrases	34-37
Disposal methods	14

Transport regulations	
Tariff code	2811.19.00
Hazardous class	8
Packing group	III
UN number	1788
ERG number	154

