



Certificate of Analysis.

ICP Multielement standard solution, 16 elements in diluted nitric acid. (Au 100 ppm, Se 80 ppm, Ni 20 ppm, As 15 ppm, Ag 10 ppm, Ir 10 ppm, Pd 10 ppm, Pt 10 ppm, Rh 10 ppm, Ru 10 ppm, V 10 ppm, Ti 8 ppm, Co 5 ppm, Pb 5 ppm, Hg 3 ppm, Cd 2 ppm).

Product Code:	BS13722.
Description:	ICP Multielement standard solution, 16 elements in diluted nitric acid. (Au 100 ppm, Se 80 ppm, Ni 20 ppm, As 15 ppm, Ag 10 ppm, Ir 10 ppm, Pd 10 ppm, Pt 10 ppm, Rh 10 ppm, Ru 10 ppm, V 10 ppm, Ti 8 ppm, Co 5 ppm, Pb 5 ppm, Hg 3 ppm, Cd 2 ppm).
Chemical Name:	NA.
Pack Size:	100 ml.
CAS NO.:	NA.
Mol. Weight:	NA.
Mol. Formula:	NA.
Solubility:	Miscible in water.
Accuracy:	± 5%.
Storage:	Store at ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	2 years.

Characteristics	Specification	Measured Values
Appearance:	Liquid.	Lot specific.
Odour:	Odourless.	Lot specific.
Gold (Au) 100 ppm:	95 - 105 ppm.	Lot specific.
Selenium (Se) 80 ppm	76 - 84 ppm.	Lot specific.
Nickel (Ni) 20 ppm:	19 - 21 ppm.	Lot specific.
Arsenic (As) 15 ppm:	14.25 - 15.75 ppm.	Lot specific.
Silver (Ag) 10 ppm:	9.5 - 10.5 ppm.	Lot specific.
Iridium (Ir) 10 ppm:	9.5 - 10.5 ppm	Lot specific.
Palladium(Pd) 10 ppm:	9.5 - 10.5 ppm	Lot specific.
Platinum (Pt) 10 ppm:	9.5 - 10.5 ppm	Lot specific.
Rhodium (Rh) 10 ppm:	9.5 - 10.5 ppm	Lot specific.
Ruthenium (Ru) 10 ppm:	9.5 - 10.5 ppm	Lot specific.
Vanadium(V) 10 ppm:	9.5 - 10.5 ppm	Lot specific.



Titanium (Ti) 8 ppm:	7.6 - 8.4 ppm.	Lot specific.
Cobalt (Co) 5 ppm:	4.75 -5.25 ppm.	Lot specific.
Lead (Pb)) 5 ppm:	4.75 -5.25 ppm	Lot specific.
Mercury (Hg) 3 ppm:	2.85 - 3.15 ppm.	Lot specific.
Cadmium (Cd)2 ppm:	1.9 - 3.15 ppm.	Lot specific.

Note: - This material is only for laboratory purpose and not for human consumption.

This product is prepared using high quality salts and deionized water. The results reported are of a sample taken from the above-mentioned lot during manufacture. The uncertainty of the mean specific value does not exceed $\pm 1\%$ at 95% confidence level (k=2).

All standard components used in the manufacture of this product are pre-qualified and verified before use. All glassware used are of class A and have been qualified and verified before use. Tests were performed for capacity, readability, repeatability and linearity. This product meets all requirements defined by the appropriate specifications. This product is manufactured, packaged, stored, and shipped in accordance with good manufacturing practices.

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Technical Head.

