

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product	Silver, standard solution 1000 mg/l Ag for AA (silver nitrate in nitric acid 0,5 mol/l)	Batch	17876901
		Quality release date	07/03/2017
PL0005		Expiry date	03/2019
Analysis	Batch value	Specifications	±U
Concentration	1000,2 mg/L	995 - 1005	5 mg/L

Preparation

This atomic absorption standard has been prepared using gravimetric and volumetric procedures.
Composition per litre is 1,57g Silver nitrate in Nitric acid 0,5 mol/l

Traceability

This standard is traceable to Standard Reference Material from NIST.
SRM 999c Potassium chloride

Uncertainty

It characterises the dispersion of the values that could be attributed to the mesurand. The limits of the expanded uncertainty are given at a confidence level of 95% ($k=2$).

Measurement

The batch value is determined by means of potentiometric method (argentometric) at 20°C.
Batch value certified at the time of measurement.

Storage and use

For AA spectrophotometer calibration
If the product is stored and unopened, this solution is stable for 3 years from the date of manufacturing.
Once the bottle is opened, keep tightly closed at room temperature. Avoid exposure to light.
We suggest rejecting the solution six months after opening
This solution should be checked periodically by the user.

This certificate does not exempt the user from checking the results upon receipt of the goods.
Any copy of our CoA may be obtained from our website at www.scharlab.com

M. Canet
Laboratory
Manager