

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**SO0005_25352901/1**

Product	Sodium, standard solution 1000 mg/l Na for AA (sodium nitrate in nitric acid 0,5 mol/l)	Batch	25352901
		Quality release date	26/11/2024
SO0005		Expiry date	11/2027
Analysis	Batch value	Specifications	±U
Concentration	1003,9 mg/L	995,0 - 1005,0	3,9

Preparation

This atomic absorption standard has been prepared using gravimetric and volumetric procedures.
Composition per litre is 3,69 g Sodium nitrate in Nitric acid 0,5 mol/l.

Traceability

This standard is traceable to Standard Reference Material from NIST.
SRM 3152a Sodium Standard Solution.

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 ICP spectrophotometric method 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.

For laboratory use only