

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

**CERTIFICATE OF ANALYSIS****PL0105\_22243101/1**

Product Lead, standard solution 1000 mg/l Pb for AA (lead(II) nitrate in nitric acid 0,5 mol/l)

Batch 22243101

Quality release date 10/11/2021

Expiry date 11/2024

**PL0105**

Analysis	Batch value	Specifications	±U
Concentration	1004,5 mg/L	995,0 - 1005,0	3,3

**Preparation**

This atomic absorption standard has been prepared using gravimetric and volumetric procedures.

Composition per litre is 1,60 g Lead (II) nitrate in Nitric acid 0,5 mol/l

**Traceability**

This standard is traceable to Standard Reference Material from NIST.

SRM 915b Calcium carbonate

**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 direct complexometry titration at 20°C, by means of spectrophotometric-end-point.

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