

**Scharlab S.L.**

Gato Pérez, 33. Pol. Ind. Mas d'en Cisa

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

Product	Molybdenum, standard solution 1000 mg/l Mo for AA (ammonium heptamolybdate in water)	Batch	18844001
		Quality release date	17/04/2018
		Expiry date	04/2021
MO0021			
Analysis	Batch value	Specifications	±U
Concentration	1002,0 mg/L	995,0 - 1005,0	5

Preparation

This atomic absorption standard has been prepared using gravimetric and volumetric procedures.
Composition per litre is 1,86 g Ammonium heptamolybdate tetrahydrate in water.

Traceability

This standard is traceable to Standard Reference Material from NIST.
SRM 3134 lot No. 891307 Molybdenum 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.