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CERTIFICATE OF ANALYSIS**CR0222_24604101/1**

Product	Chromium, standard solution 1000 mg/l Cr for AA (chromium(III)) nitrate in nitric acid 0,5 mol/l)	Batch	24604101
		Quality release date	05/03/2024
CR0222		Expiry date	03/2027
Analysis	Batch value	Specifications	±U
Concentration	997,5 mg/L	995,0 - 1005,0	3,4

Preparation

This atomic absorption standard has been prepared using gravimetric and volumetric procedures.
Composition per litre is 7,70g Chromium (III) nitrate nonahydrate in Nitric acid 0,5 mol/l

Traceability

This standard is traceable to Standard Reference Material from NIST.
SRM 3112a lot No. 030730 Chromium 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