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**CERTIFICATE OF ANALYSIS****CR0222\_21431301/1**Product Chromium, standard solution 1000 mg/l Cr for AA (chromium(III))  
nitrate in nitric acid 0,5 mol/l)

Batch 21431301

Quality release date 22/01/2021

Expiry date 01/2024

**CR0222**

Analysis	Batch value	Specifications	±U
Concentration	1002,0 mg/L	995,0 - 1005,0	2,1

**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