

Material	31954.290
Material description	Hydrochloric acid 0.5 mol/l (0.5 N)
Grade	AVS TITRINORM Reagent Ph.Eur. chapter 4.2.2
CAS Number	7647-01-0
Molecular formula	HCl
Molecular mass	36.46

Additional information

Characteristics	Specifications
Titer (20°C; real value 0.3 % accuracy)	0.4985 - 0.5015 mol/l
NIST traceable	Confirmed

Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

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Additional information

The titer is a correction factor to correct for variations of the volumetric solution, the titration equipment, the temperature and other laboratory conditions. For correct titrations results it is recommended to determine a titer with the laboratory specific equipment and under laboratory specific conditions directly after opening a new bottle and at regular time intervals.

The guaranteed value is traceable to primary Standard Reference Materials (SRM) from National Institute of Standards and Technology (NIST).

For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product remains the responsibility of the user.