



Material	BDH7418-1
Material description	Hydrochloric acid 50% v/v
CAS Number	7647-01-0
Molecular formula	HCl
Molecular mass	36.46
Additional information	

Characteristics	Specifications
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Normality	5.950 --> 6.050 N
Appearance	Clear liquid
Prepared to formulation on file	Confirmed

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

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

Alicia Bourdeau, Head of the Laboratory - Rouses Point  
 VWR Chemicals, LLC, 3 Lincoln Blvd, Rouses Point, NY  
 12979-1045, USA

The weights and/or volumes used to prepare this product are NIST traceable. All balances used in the preparation of the product are calibrated weekly against NIST traceable weights. The balances are maintained and serviced on a regular basis by an outside certified company. All volumetric glassware used is NIST traceable and certified as meeting Class A specifications. Unless otherwise indicated above, all chemicals used in the preparation of this product are Reagent ACS grade.

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.