

**QUALITY CERTIFICATE**

Product name: HYDROCHLORIC ACID 37 %  
Quality: Ph.Eur.11.0.  
Package: 1000 g  
Formula: HCl  
Rel. mol. weight: 36,47  
Lot No.: GC4455204  
Manufacturing date: 05.2023.  
Expiry date: .05.2028. (DMY)  
Anal. No.: 15008H55204

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance	colourless, clear, fuming liquid	colourless, clear, fuming liquid
Identification test 'A'	identical	identical
Identification test 'B'	identical	identical
Identification test 'C'	identical	identical
Assay	35,0-39,0 %	36,5 %
Appearance of solution	passes test	passes test
Density (d <sub>20</sub> <sup>20</sup> )	kb.1,18	1,174
Free chlorine	max.4 ppm	<4 ppm
Sulfate	max.20 ppm	<20 ppm
Heavy metals (Pb)	max.2 ppm	<2 ppm
Evaporation residue	max.0,01 %	0,0000 %

**The Product complies with the requirements of Ph.Eur.11.0.**

Kiállítva: Halásztelek, 2023.06.01.

  
Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
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