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**CERTIFICATE OF ANALYSIS****AC0736\_24137508/1**

Product Hydrochloric acid, 37%, Pharmpur®, Ph Eur, BP, NF, JP

Batch 24137508

**AC0736**

Quality release date 04/10/2023

Expiry date 10/2028

Analysis	Batch value	Specifications
Assay (Acidimetric)	36,77 %	36,5 - 38,0
Identification chloride	passes test	passes test
Identification A (EP)	passes test	passes test
Identification 1 (JP)	passes test	passes test
Appearance of solution	clear and colourless	clear and colourless
Bromine or chlorine	passes test	passes test
Bromide or iodide	passes test	passes test
Free bromine or chlorine	passes test	passes test
Free chlorine (as Cl)	< 4 ppm	≤ 4
Sulfates (SO <sub>4</sub> )	< 20 ppm	≤ 20
Sulfates (SO <sub>4</sub> )	passes test	passes test
Sulfites (SO <sub>3</sub> )	passes test	passes test
Arsenic (As)	< 1 ppm	≤ 1
Heavy metals (as Pb)	< 5 ppm	≤ 5
Mercury (Hg)	< 0,04 ppm	≤ 0,04
Residue on ignition (as SO <sub>4</sub> )	< 0,008 %	≤ 0,008
Residue on evaporation	0,0003 %	≤ 0,01

This product is intended to be suitable for the manufacture of pharmaceuticals, medical devices, cosmetics and food products, but is entirely under the user's responsibility.

Results marked with # are out of specifications.  
This certificate does not exempt the user from checking the results upon receipt of the goods.  
Any copy of our CoA may be obtained from our website at [www.scharlab.com](http://www.scharlab.com)

Sara Garcia Maldonado  
Laboratory Technician