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CERTIFICATE OF ANALYSIS**AC0736_21125808/1**

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

Batch 21125808

AC0736

Quality release date 14/10/2020

Expiry date 10/2025

Analysis	Batch value	Specifications
Assay (Acidimetric)	37,90 %	36,5 - 38,0
Identification	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 ₄)	< 20 ppm	≤ 20
Sulfates (SO ₄)	passes test	passes test
Sulfites (SO ₃)	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 ₄)	< 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.