

Certificate of Analysis (COA)

Product: Hydrochloric Acid 37%

CAS Number	7647-01-0
Formula	HCl
UN Number	UN1789
ADR Class	8
Packing Group	II
Signal Word	Danger
Issued	2026-05-25
Document Version	1.0
Producer	Industrial Chemicals Ltd.

Appearance: Clear yellowish liquid, pungent

Analytical Results

Parameter	Specification	Result	Method
Assay (%)	≥ 99.0	99.6	Titration
Appearance	Conforms	Conforms	Visual
Water content (%)	≤ 0.5	0.18	Karl Fischer
Heavy metals (ppm)	≤ 10	< 5	ICP-MS
Density (g/cm ³)	1.00–1.85	1.84	Pycnometer
pH (10% sol.)	Per spec	Conforms	pH meter

Batch released — meets all specifications. Authorised QC signature on file.