

Certificate of Analysis

Product Name	Hydrochloric acid 36%, GlenCell™, suitable for cell culture
Glenthams Code	GK5744
CAS Number	7647-01-0
EINECS	231-595-7
MDL Number	MFCD00011324
Batch Number	368CRZ
Molecular Weight	36.46
Molecular Formula	HCl
Storage Temp.	+20°C

HCl

Property	Specification	Batch 368CRZ
Physical Description	Clear, colourless to slightly yellow liquid	Conforms
Assay	35.0 - 37.0 % (w/w)	Conforms
Colour (Hazen)	≤ 25	5
Specific Gravity (20/20)	1.174 - 1.185	1.179
Residue on Ignition	≤ 0.05%	Conforms
Sulphate (as H2SO4)	≤ 0.05%	Conforms
Reducing Substances (as SO2)	≤ 50ppm	≤ 0.1ppm
Oxidising Substances (as Cl2)	≤ 30ppm	≤ 0.01ppm
Total Organic Impurities	≤ 5ppm	≤ 0.01ppm
Iron (Fe)	≤ 0.2ppm	≤ 0.1ppm
Arsenic (As)	≤ 1.0ppm	0.1ppm
Lead (Pb)	≤ 1.0ppm	0.5ppm

Specification Version	v1.0
Manufacture Date	2017-02-03
Re-Test Date	2025-02-03

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.
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