

Product Specification

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

HCl

Property	Specification
Physical Description	Clear, colourless to slightly yellow liquid
Assay	35.0 - 37.0 % (w/w)
Colour (Hazen)	≤ 25
Specific Gravity (20/20)	1.174 - 1.185
Residue on Ignition	≤ 0.05%
Sulphate (as H ₂ SO ₄)	≤ 0.05%
Reducing Substances (as SO ₂)	≤ 50ppm
Oxidising Substances (as Cl ₂)	≤ 30ppm
Total Organic Impurities	≤ 5ppm
Iron (Fe)	≤ 0.2ppm
Arsenic (As)	≤ 1.0ppm
Lead (Pb)	≤ 1.0ppm

Specification Version	-	v1.0
Date Created	-	2017-02-03

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

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