

Specification

Technical Data Sheet

Product Name	Hydrochloric acid 36% (12M)
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Product No	30959716
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CAS Number	7647-01-0
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Storage Temperature	Ambient
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Molecular Weight	36.46
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Specification

Appearance	Clear colourless to pale yellow liquid
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Assay	35.6 - 38.6% (11.5 - 12.5M)
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Specific Gravity	1.177 - 1.182 (@20°C)
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Total organics ppm	≤ 100ppm
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Arsenic (As)	≤ 2ppm
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Cadmium(Cd)	≤ 0.1ppm
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Copper (Cu)	≤ 2ppm
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Specification

Iron(Fe)	$\leq 10\text{ppm}$
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Lead (Pb)	$\leq 2\text{ppm}$
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Mercury (Hg)	$\leq 0.1\text{ppm}$
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Oxidising Substances ppm CL2	$\leq 100\text{ppm}$
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Reducing Substances ppm SO2	$\leq 100\text{ppm}$
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Residue on Ignition (Sulphated)	$\leq 0.2\%$
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