



Fisher Scientific UK Ltd.
part of Thermo Fisher Scientific
Bishop Meadow Road,
Loughborough,
Leicestershire,
LE11 5RG

Specification Sheet

Fisher Scientific's Quality System has been found to
conform to Quality Management System Standard
ISO9001:2015 by SAI Global Certificate Number
QMS42099

Catalogue
Number: H/1196

Expiry
Phrase: Use within 3 years of packing
date

Description: Hydrochloric acid 1.18 ~37%

Grade: PrimarPlus

Application: Trace metal analysis

Result Name	Specification	Units
Aluminium (Al)	≤ 0.02	ppm
Antimony (Sb)	≤ 0.005	ppm
Arsenic (As)	≤ 0.01	ppm
Assay	≥ 35 and ≤ 38	%
Barium (Ba)	≤ 0.02	ppm
Beryllium (Be)	≤ 0.005	ppm
Bismuth (Bi)	≤ 0.005	ppm
Boron (B)	≤ 0.005	ppm
Cadmium (Cd)	≤ 0.002	ppm
Calcium (Ca)	≤ 0.1	ppm
Chromium (Cr)	≤ 0.005	ppm
Cobalt (Co)	≤ 0.002	ppm
Copper (Cu)	≤ 0.005	ppm
Free chlorine (ppm)	≤ 1	ppm
Gallium (Ga)	≤ 0.005	ppm
Germanium (Ge)	≤ 0.005	ppm
Germanium (Ge)	≤ 0.005	ppm
Indium (In)	≤ 0.005	ppm
Iron (Fe)	≤ 0.1	ppm
Lead (Pb)	≤ 0.002	ppm
Lithium (Li)	≤ 0.002	ppm
Magnesium (Mg)	≤ 0.02	ppm
Manganese (Mn)	≤ 0.002	ppm
Mercury (Hg)	≤ 0.005	ppm

Molybdenum (Mo)	≤ 0.002	ppm
Nickel (Ni)	≤ 0.005	ppm
Potassium (K)	≤ 0.05	ppm
Residue after ignition	≤ 0.0002	%
Silver (Ag)	≤ 0.002	ppm
Sodium (Na)	≤ 0.2	ppm
Strontium (Sr)	≤ 0.002	ppm
Sulfate (SO ₄) (ppm)	≤ 1	ppm
Thallium (Tl)	≤ 0.005	ppm
Tin (Sn)	≤ 0.005	ppm
Titanium (Ti)	≤ 0.005	ppm
Total nitrogen (N)	≤ 5	ppm
Total phosphorus (P)	≤ 0.2	ppm
Vanadium (V)	≤ 0.002	ppm
Zinc (Zn)	≤ 0.01	ppm

Additional
Information:



Paula Faulkes

Mrs Paula Faulkes
Quality Assurance Manager.

Tuesday 13th of December 2022