

Certificate of Analysis



FUJIFILM Electronic Materials
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FORM NO. FRM-01888 Rev3

Description: Hydrochloric Acid 37%

Item Code: 100-0115 **Packaging Size:** 1 GAL Bottle

Batch No: CA0610253116 **Customer/FUJIFILM spec:** KMG_P4116.1

Manufacture Date: 06-Oct-2025 **Customer Part Number:** NA

Expiry Date: 06-Oct-2026 **Grade:** MOS

Parameter	Min	Max	Unit	Result
Assay (HCl)	36.50	38.00	%	37.66
Color		10	APHA	<10
Phosphate (PO4)		50	ppb	<50
Sulfate (SO4)		500	ppb	<500
Aluminum (Al)		300	ppb	<1
Antimony (Sb)		5	ppb	<1
Arsenic (As)		5	ppb	<1
Boron (B)		100	ppb	<1
Calcium (Ca)		300	ppb	1
Chromium (Cr)		100	ppb	<1
Copper (Cu)		50	ppb	<1
Gold (Au)		300	ppb	<1
Iron (Fe)		100	ppb	<1
Lead (Pb)		100	ppb	<1
Magnesium (Mg)		300	ppb	<1
Manganese (Mn)		300	ppb	<1
Nickel (Ni)		50	ppb	<1
Potassium (K)		300	ppb	<1
Sodium (Na)		300	ppb	<1
Tin (Sn)		300	ppb	<1
Titanium (Ti)		100	ppb	<1
Zinc (Zn)		300	ppb	<1
1.0µ Particle Count		20	par/ml	<1

Approved on: 09-Oct-2025

This certificate of analysis is electronically issued and is valid without signature