

Certificate of Analysis



FUJIFILM Electronic Materials
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FORM NO. FRM-01888 Rev3

Description: Isopropyl Alcohol

Item Code: 200-0806

Packaging Size 200LT Drum

Batch No: IP1411250611

Customer/FUJIFILM spec: 4173.3

Manufacture Date: 14-Nov-2025

Customer Part Number: NA

Expiry Date: 14-Nov-2026

Grade: MOS

Parameter	Min	Max	Unit	Result
Assay (IPA)	99.9		%	99.9
Color		10	APHA	<5
Water content		0.1	%	<0.01
Acidity as Acetic Acid		0.001	%	<0.0005
Appearance				Clear Liquid
Specific Gravity @ 20 °C	0.785	0.787		0.7865
Residue After Evaporation		5	ppm	<1
Chloride (Cl)		50	ppb	<5
Nitrate (NO3)		200	ppb	<20
Sulfate (SO4)		50	ppb	<5
Phosphate (PO4)		300	ppb	<30
Aluminum (Al)		50	ppb	<2
Arsenic (As)		10	ppb	<1
Barium (Ba)		50	ppb	<5
Boron (B)		10	ppb	<1
Cadmium (Cd)		100	ppb	<10
Calcium (Ca)		50	ppb	<5
Chromium (Cr)		20	ppb	<2
Cobalt (Co)		20	ppb	<2
Copper (Cu)		1	ppb	<0.5
Iron (Fe)		30	ppb	<3
Lead (Pb)		20	ppb	<2
Lithium (Li)		20	ppb	<2
Magnesium (Mg)		20	ppb	<2
Manganese (Mn)		10	ppb	<1
Nickel (Ni)		10	ppb	<1
Potassium (K)		300	ppb	<30

Parameter	Min	Max	Unit	Result
Silver (Ag)		50	ppb	<5
Sodium (Na)		50	ppb	<5
Strontium (Sr)		10	ppb	<1
Titanium (Ti)		10	ppb	<1
Zinc (Zn)		20	ppb	<2
0.5µ Particle Count		100	par/ml	3

Approved on: 10-Dec-2025

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