



TECHNICAL DATA SHEET(TDS)

Hydrofluoric Acid 49% Solution, Electronic/Cleanroom Grade

Product Specifications (CAS# 7664-39-3)

Test	Specification	Typical Results
Assay (HF)	48.0 - 50.2%	48.06%
Color	≤10 APHA	<7 APHA
Fluoridic acid	≤100 ppm	<100 ppm
Chloride	≤3000 ppm	<3000 ppm
Nitrate	≤2000 ppm	<2000 ppm
Phosphate	≤700 ppm	<700 ppm
Sulfate and Sulfite	≤2000 ppm	<2000 ppm
Aluminum	≤50 ppm	<3 ppm
Arsenic and Antimony	≤10 ppm	<3 ppm
Boron	≤10 ppm	<3 ppm
Calcium	≤50 ppm	<3 ppm
Chromium	≤10 ppm	<3 ppm
Copper	≤20 ppm	<3 ppm
Gold	≤40 ppm	<3 ppm
Iron	≤50 ppm	<3 ppm
Lead	≤25 ppm	<3 ppm
Magnesium	≤40 ppm	<3 ppm
Manganese	≤25 ppm	<3 ppm
Nickel	≤50 ppm	<3 ppm
Potassium	≤50 ppm	<3 ppm
Sodium	≤50 ppm	<3 ppm
Tin	≤20 ppm	<3 ppm
Titanium	≤20 ppm	<3 ppm
Zinc	≤20 ppm	<3 ppm
Particle Count, 0.5 um, ct/ml	≤150	<150

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Appropriate/legal use of this product is the responsibility of the user.

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