



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
Fluoridic acid	≤100 ppm	<100
Chloride	≤3000 ppm	<3000
Nitrate	≤2000 ppm	<2000
Phosphate	≤700 ppm	<700
Sulfate and Sulfite	≤2000 ppm	<2000
Aluminum	≤50 ppm	<3
Arsenic and Antimony	≤10 ppm	<3
Boron	≤10 ppm	<3
Calcium	≤50 ppm	<3
Chromium	≤10 ppm	<3
Copper	≤20 ppm	<3
Gold	≤40 ppm	<3
Iron	≤50 ppm	<3
Lead	≤25 ppm	<3
Magnesium	≤40 ppm	<3
Manganese	≤25 ppm	<3
Nickel	≤50 ppm	<3
Potassium	≤50 ppm	<3
Sodium	≤50 ppm	<3
Tin	≤20 ppm	<3
Titanium	≤20 ppm	<3
Zinc	≤20 ppm	<3
Particle Count, 0.5 um, ct/ml	≤150	<150

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

Phone: 512-668-9918, Fax: 512-886-4008, E-mail: customercare@laballey.com

www.laballey.com

12501 Pauls Valley Road, Suite A, Austin, Texas 78737

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