



TECHNICAL DATA SHEET(TDS)

Nitric Acid 70% Solution, Semiconductor/Electronic Grade

Product Specifications (CAS# 7697-37-2)

Test	Specification	Typical Results
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay (HNO ₃), %	68-70%	69.7%
Color (APHA)	Max 10	5
Residue after Ignition	Max 2 ppm	1 ppm
Chloride (Cl)	Max 0.5 ppm	< 0.2 ppm
Sulfate (SO ₄)	Max 0.5 ppm	< 0.5 ppm
Heavy Metals (as Pb)	Max 0.2 ppm	< 0.1 ppm
Iron (Fe)	Max 0.2 ppm	<0.2 ppm
Nickel (Ni)	Max 0.05 ppm	< 0.05 ppm
Arsenic	Max 0.01 ppm	0.001 ppm
Mercury	Max 0.005 ppm	<0.005 ppm

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

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