

**PRODUCT SPECIFICATION SHEET**  
**Nitric Acid 50% Analytical Grade Reagent**  
**Product Specification**

Test	Specification	Typical Results
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay, HNO <sub>3</sub>	49.0 - 51.0%	50.0%
Color (APHA)	Max 10	5
Residue after Ignition	Max 5 ppm	1
Chloride (Cl)	Max 0.5 ppm	<0.2
Sulfate (SO <sub>4</sub> )	Max 1 ppm	<0.1
Arsenic (As)	Max 0.01 ppm	0.001
Heavy Metals (as Pb)	Max 0.2 ppm	<0.1
Iron (Fe)	Max 0.2 ppm	<0.05
Mercury (Hg)	Max 0.005 ppm	<0.005
Nickel (Ni)	Max 0.05 ppm	<0.05

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

[Nitric Acid 50% Analytical Grade Reagent](#)

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