

**Certificate of Analysis**

**Product: Concentrated Nitric Acid 70%**  
**Item Number: NAS70**  
**Grade: Semiconductor**  
**Lot Number: 5000491/1.2**  
**Manufacture Date: 11/09/2023**  
**Expiration Date: 11/08/2025**  
**Country of Origin: United States**

<b>Tested Property</b>	<b>Specification</b>	<b>Analysis</b>
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay	68 - 70%	69.7
Color (APHA)	Max. 10	5
Residue after Ignition, ppm	Max 5	1
Chloride, ppm	Max 0.5	<0.2
Sulfate, ppm	Max 0.5	<0.5
Arsenic, ppm	Max 0.01	0.001
Heavy Metals (as Pb), ppm	Max 0.2	<0.1
Iron, ppm	Max 0.2	<0.05
Mercury, ppm	Max 0.005	<0.005
Nickel, ppm	Max 0.05	<0.05
Aluminium, ppm	Max.0.5	0.5
Barium, ppm	Max. 1	1
Boron, ppm	Max. 0.1	0.1
Cadmium, ppm	Max. 0.5	0.5
Calcium, ppm	Max. 0.5	0.5
Chromium, ppm	Max. 0.1	0.1
Cobalt, ppm	Max. 0.5	0.5
Copper, ppm	Max. 0.05	0.05
Gallium, ppm	Max. 0.1	0.1

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Germanium, ppm	Max. 0.1	0.1
Gold, ppm	Max. 0.5	0.5
Lithium, ppm	Max. 1	1
Magnesium, ppm	Max. 1	1
Manganese, ppm	Max. 0.5	0.5
Potassium, ppm	Max. 1	1
Silicon, ppm	Max. 1	1
Silver, ppm	Max. 0.5	0.5
Sodium, ppm	Max. 1	1
Strontium, ppm	Max. 1	1
Tin, ppm	Max. 1	1
Zinc, ppm	Max. 1	1

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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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