

Certificate of Analysis

Product: Concentrated Nitric Acid 70%
Item Number: NAS70
Grade: Semiconductor
Lot Number: 5000491/1.1
Manufacture Date: 11/09/2023
Expiration Date: 11/08/2025
Country of Origin: United States

| Tested Property | Specification | Analysis |
|-----------------------------|--|-----------------|
| 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 |

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.

© copyright: 2025 Lab Alley

| | | |
|----------------|----------|-----|
| 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 |

[Concentrated Nitric Acid 70%](#)

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.

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.

© copyright: 2025 Lab Alley