

CERTIFICATE OF ANALYSIS

Product : NITRIC ACID ANALPURE®
Code : SAc0061
Batch number : 3107
Expiry date : 08/06/2025 (dd/mm/yyyy)

Colour : < 7 APHA
Chloride (Cl) : < 0.2 ppm
Total Sulphur (S) : < 0.3 ppm
Total Phosphorus (P) : < 0.01 ppm
Assay : 69 %

Trace impurities (ppb = ng/g):

| Analyte | Maximum concentration | Actual value | Analyte | Maximum concentration | Actual value |
|------------|-----------------------|--------------|--------------|-----------------------|--------------|
| Aluminium | 1 | < 0.5 | Neodymium | 0.1 | < 0.1 |
| Antimony | 0.5 | < 0.1 | Nickel | 0.5 | < 0.5 |
| Arsenic | 0.5 | < 0.1 | Niobium | 0.1 | < 0.1 |
| Barium | 0.1 | < 0.1 | Palladium | 0.5 | < 0.1 |
| Beryllium | 0.1 | < 0.1 | Platinum | 0.5 | < 0.1 |
| Bismuth | 0.1 | < 0.1 | Potassium | 1 | < 0.1 |
| Boron | 1 | < 0.5 | Praseodymium | 0.1 | < 0.1 |
| Cadmium | 0.5 | < 0.1 | Rhenium | 0.1 | < 0.1 |
| Calcium | 1 | < 0.5 | Rhodium | 0.5 | < 0.1 |
| Cerium | 0.1 | < 0.1 | Rubidium | 0.1 | < 0.1 |
| Cesium | 0.1 | < 0.1 | Ruthenium | 0.5 | < 0.1 |
| Chromium | 1 | < 0.5 | Samarium | 0.1 | < 0.1 |
| Cobalt | 0.5 | < 0.1 | Scandium | 0.1 | < 0.1 |
| Copper | 0.5 | < 0.1 | Selenium | 1 | < 0.2 |
| Dysprosium | 0.1 | < 0.1 | Silver | 0.1 | < 0.1 |
| Erbium | 0.1 | < 0.1 | Sodium | 1 | < 0.5 |
| Europium | 0.1 | < 0.1 | Strontium | 0.1 | < 0.1 |
| Gadolinium | 0.1 | < 0.1 | Tantalum | Information only | < 0.1 |
| Gallium | 0.1 | < 0.1 | | | |
| Germanium | 0.1 | < 0.1 | Tellurium | 0.1 | < 0.1 |
| Gold | 0.1 | < 0.1 | Terbium | 0.1 | < 0.1 |
| Hafnium | 0.1 | < 0.1 | Thallium | 0.1 | < 0.1 |
| Holmium | 0.1 | < 0.1 | Thorium | 0.1 | < 0.1 |
| Indium | 0.1 | < 0.1 | Thulium | 0.1 | < 0.1 |
| Iron | 1 | < 0.5 | Tin | 0.5 | < 0.1 |
| Lanthanum | 0.1 | < 0.1 | Titanium | 0.5 | < 0.1 |
| Lead | 0.1 | < 0.1 | Tungsten | 0.1 | < 0.1 |
| Lithium | 0.1 | < 0.1 | Uranium | 0.1 | < 0.1 |
| Lutetium | 0.1 | < 0.1 | Vanadium | 0.5 | < 0.1 |
| Magnesium | 1 | < 0.2 | Ytterbium | 0.1 | < 0.1 |
| Manganese | 0.1 | < 0.1 | Yttrium | 0.1 | < 0.1 |
| Mercury | 0.1 | < 0.02 | Zinc | 0.5 | < 0.5 |
| Molybdenum | 0.1 | < 0.1 | Zirconium | 0.1 | < 0.1 |

Store at room temperature, 15°C to 25°C. Avoid exposure to sunlight or ultraviolet light source. Consult SDS prior to handling this product.



Release date: 08th June 2023

Person-in-Charge: Vladimir Patera