analytika , spol. s r.o.

# CERTIFICATE OF ANALYSIS

**Product** : **NITRIC ACID ANALPURE®**
Code : SAc0061
Batch number : 3085
Expiry date : 05/06/2023 (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:* **05th June 2021** *Person-in-Charge*: **Vladimir Patera**

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