analytika , spol. s r.o.

CERTIFIKÁT O ANALÝZE

Produkt : KYSELINA DUSIČNÁ ANALPURE® *ULTRA*
Objednací číslo : UAc0061
Číslo šarže : 1222110
Exspirace : 24/11/2025 (dd/mm/rrrr)

Koncentrace : 69 %

Stopové nečistoty (ppt):

Analyt	Maximální koncentrace	Aktuální hodnota	Analyt	Maximální koncentrace	Aktuální hodnota
Aluminium	20	< 0.5	Neodymium	1	< 0.01
Antimony	10	< 0.05	Nickel	20	< 5
Arsenic	20	< 0.05	Niobium	1	< 0.02
Barium	10	< 0.05	Palladium	20	< 5
Beryllium	10	< 0.05	Platinum	20	< 5
Bismuth	10	< 0.01	Potassium	10	< 0.5
Boron	10	< 10	Praseodymium	1	< 0.01
Cadmium	10	< 0.02	Rhenium	10	< 0.02
Calcium	10	< 10	Rhodium	10	< 0.2
Cerium	10	< 0.02	Rubidium	10	< 0.01
Cesium	10	< 0.01	Ruthenium	20	< 0.1
Chromium	10	< 0.5	Samarium	1	< 0.01
Cobalt	10	< 0.05	Scandium	10	< 0.01
Copper	10	< 0.2	Selenium	Pouze pro informaci	< 1
Dysprosium	1	< 0.01	Silver	10	< 0.05
Erbium	1	< 0.01	Sodium	10	< 0.5
Europium	1	< 0.01	Strontium	10	< 0.02
Gadolinium	1	< 0.02	Tantalum	Pouze pro informaci	< 10
Gallium	10	< 0.2	Tellurium	1	< 0.05
Germanium	10	< 0.05	Terbium	1	< 0.01
Gold	20	< 1	Thallium	10	< 0.01
Hafnium	10	< 0.01	Thorium	1	< 0.01
Holmium	1	< 0.01	Thulium	1	< 0.01
Indium	1	< 0.01	Tin	20	< 0.1
Iron	10	< 2	Titanium	10	< 0.05
Lanthanum	1	< 0.02	Tungsten	10	< 0.1
Lead	10	< 0.05	Uranium	1	< 0.01
Lithium	10	< 0.05	Vanadium	10	< 0.05
Lutetium	1	< 0.01	Ytterbium	1	< 0.01
Magnesium	10	< 0.2	Yttrium	1	< 0.01
Manganese	10	< 0.05	Zinc	10	< 1
Mercury	50	< 20	Zirconium	10	< 0.02
Molybdenum	10	< 0.05			

Skladujte při pokojové teplotě (15-25°C). Minimalizujte vystavení světlu.

Datum vydání: **24. listopadu 2022** *Odpovědná osoba:* **Vladimír Patera**

Analytika, spol. s r.o., Ke Klíčovu 2a/816, 190 00 Praha 9, Česká republika, Tel., fax: (+420) 286 589 616

analytika , spol. s r.o.

CERTIFICATE OF ANALYSIS

Product : NITRIC ACID ANALPURE® *ULTRA*
Code : UAc0061
Batch number : 1222110
Expiry date : 24/11/2025 (dd/mm/yyyy)

Assay : 69 %

Trace impurities (ppt):

Analyte	Maximum concentration	Actual Value	Analyte	Maximum concentration	Actual value
Aluminium	20	< 0.5	Neodymium	1	< 0.01
Antimony	10	< 0.05	Nickel	20	< 5
Arsenic	20	< 0.05	Niobium	1	< 0.02
Barium	10	< 0.05	Palladium	20	< 5
Beryllium	10	< 0.05	Platinum	20	< 5
Bismuth	10	< 0.01	Potassium	10	< 0.5
Boron	10	< 10	Praseodymium	1	< 0.01
Cadmium	10	< 0.02	Rhenium	10	< 0.02
Calcium	10	< 10	Rhodium	10	< 0.2
Cerium	10	< 0.02	Rubidium	10	< 0.01
Cesium	10	< 0.01	Ruthenium	20	< 0.1
Chromium	10	< 0.5	Samarium	1	< 0.01
Cobalt	10	< 0.05	Scandium	10	< 0.01
Copper	10	< 0.2	Selenium	Information only	< 1
Dysprosium	1	< 0.01	Silver	10	< 0.05
Erbium	1	< 0.01	Sodium	10	< 0.5
Europium	1	< 0.01	Strontium	10	< 0.02
Gadolinium	1	< 0.02	Tantalum	Information only	< 10
Gallium	10	< 0.2	Tellurium	1	< 0.05
Germanium	10	< 0.05	Terbium	1	< 0.01
Gold	20	< 1	Thallium	10	< 0.01
Hafnium	10	< 0.01	Thorium	1	< 0.01
Holmium	1	< 0.01	Thulium	1	< 0.01
Indium	1	< 0.01	Tin	20	< 0.1
Iron	10	< 2	Titanium	10	< 0.05
Lanthanum	1	< 0.02	Tungsten	10	< 0.1
Lead	10	< 0.05	Uranium	1	< 0.01
Lithium	10	< 0.05	Vanadium	10	< 0.05
Lutetium	1	< 0.01	Ytterbium	1	< 0.01
Magnesium	10	< 0.2	Yttrium	1	< 0.01
Manganese	10	< 0.05	Zinc	10	< 1
Mercury	50	< 20	Zirconium	10	< 0.02
Molybdenum	10	< 0.05			

Store at room temperature (15-25°C). Minimize exposure to light.

Release date: **24th November 2022** *Person-in-Charge:* **Vladimír Patera**

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