

CERTIFICATE OF ANALYSIS

Product : NITRIC ACID ANALPURE® *ULTRA*
 Code : UAc0061
 Batch number : 1220110
 Expiry date : 02/12/2023 (dd/mm/yyyy)
 Assay : 69 %

Trace impurities (ppt):

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



Release date: 02nd December 2020

Person-in-Charge: Vladimír Patera