

CERTIFICATE OF ANALYSIS

Product : **PERCHLORIC ACID ANALPURE®**
 Code : Sac11002
 Batch number : 7014
 Expiry date : 10th December 2021

 Colour : < 10 APHA
 Assay : 68 %

Trace impurities (ppb):

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



Release date: 10th December 2019

Person-in-Charge:

Vladimir Patera