

CERTIFICATE OF ANALYSIS

Product : ACETIC ACID ANALPURE®
 Code : SAc0017
 Batch number : 5013
 Expiry date : September 2020

Colour : < 10 APHA
 Chloride (Cl) : < 1.0 ppm
 Phosphate (PO₄) : < 1.0 ppm
 Sulfate (SO₄) : < 0.5 ppm
 Substances reducing Permanganate : passes test
 Assay : > 99 %

Trace impurities (ppb):

Analyte	Maximum concentration	Actual value	Analyte	Maximum concentration	Actual value
Aluminium	1.0	< 0.5	Molybdenum	1.0	< 0.2
Antimony	1.0	< 0.1	Neodymium	0.5	< 0.1
Arsenic	1.0	< 0.1	Nickel	1.0	< 0.1
Barium	1.0	< 0.1	Platinum	0.5	< 0.1
Beryllium	1.0	< 0.1	Potassium	1.0	< 0.5
Bismuth	1.0	< 0.1	Praseodymium	0.5	< 0.1
Cadmium	1.0	< 0.1	Rhenium	0.5	< 0.1
Calcium	1.0	< 0.5	Rhodium	0.5	< 0.1
Cerium	0.5	< 0.1	Rubidium	0.5	< 0.1
Cesium	0.5	< 0.1	Ruthenium	0.5	< 0.1
Chromium	1.0	< 0.1	Samarium	0.5	< 0.1
Cobalt	1.0	< 0.1	Scandium	0.5	< 0.1
Copper	1.0	< 0.2	Selenium	1.0	< 0.5
Dysprosium	0.5	< 0.1	Silver	1.0	< 0.1
Erbium	0.5	< 0.1	Sodium	1.0	< 1.0
Europium	0.5	< 0.1	Strontium	1.0	< 0.1
Gadolinium	0.5	< 0.1	Tellurium	0.5	< 0.1
Gallium	0.5	< 0.1	Terbium	0.5	< 0.1
Germanium	0.5	< 0.1	Thallium	0.5	< 0.1
Hafnium	0.5	< 0.1	Thorium	1.0	< 0.1
Holmium	0.5	< 0.1	Thulium	0.5	< 0.1
Indium	0.5	< 0.1	Tin	1.0	< 0.1
Iron	1.0	< 0.5	Titanium	1.0	< 0.1
Lanthanum	0.5	< 0.1	Tungsten	0.5	< 0.1
Lead	1.0	< 0.1	Uranium	1.0	< 0.1
Lithium	1.0	< 0.1	Vanadium	1.0	< 0.1
Lutetium	0.5	< 0.1	Ytterbium	0.5	< 0.1
Magnesium	1.0	< 0.5	Yttrium	0.5	< 0.1
Manganese	1.0	< 0.5	Zinc	1.0	< 0.5
Mercury	1.0	< 1	Zirconium	1.0	< 0.1

Element concentrations are at the point of bottling. Concentrations of some elements
 in particular Ca, Si, K, Na, B, Al, Mg & Mn may increase due to storage in glass bottles.



Release date: 15th March 2018

Person-in-Charge: Vladimír Patera