

CERTIFICATE OF ANALYSIS

Product : ACETIC ACID ANALPURE®
 Code : SAc0017
 Batch number : 5014
 Expiry date : December 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 : > 99.5 %

Trace impurities (ppb):

Analyte	Maximum concentration	Actual value	Analyte	Maximum concentration	Actual value
Aluminium	1.0	< 0.5	Molybdenum	0.5	< 0.2
Antimony	0.5	< 0.1	Neodymium	0.1	< 0.1
Arsenic	0.5	< 0.1	Nickel	0.5	< 0.1
Barium	0.5	< 0.5	Platinum	0.5	< 0.1
Beryllium	0.1	< 0.1	Potassium	1.0	< 0.5
Bismuth	0.1	< 0.1	Praseodymium	0.1	< 0.1
Cadmium	0.5	< 0.1	Rhenium	0.1	< 0.1
Calcium	1.0	< 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	< 0.1	Samarium	0.1	< 0.1
Cobalt	0.1	< 0.1	Scandium	0.1	< 0.1
Copper	0.5	< 0.2	Selenium	1.0	< 0.5
Dysprosium	0.1	< 0.1	Silver	1.0	< 0.1
Erbium	0.1	< 0.1	Sodium	1.0	< 1.0
Europium	0.1	< 0.1	Strontium	0.5	< 0.1
Gadolinium	0.1	< 0.1	Tellurium	0.5	< 0.1
Gallium	0.1	< 0.1	Terbium	0.1	< 0.1
Germanium	0.5	< 0.1	Thallium	0.1	< 0.1
Hafnium	0.1	< 0.1	Thorium	0.1	< 0.1
Holmium	0.1	< 0.1	Thulium	0.1	< 0.1
Indium	0.1	< 0.1	Tin	0.5	< 0.1
Iron	1.0	< 0.5	Titanium	0.5	< 0.1
Lanthanum	0.1	< 0.1	Tungsten	0.5	< 0.1
Lead	0.1	< 0.1	Uranium	0.1	< 0.1
Lithium	0.1	< 0.1	Vanadium	0.5	< 0.1
Lutetium	0.1	< 0.1	Ytterbium	0.1	< 0.1
Magnesium	0.5	< 0.2	Yttrium	0.1	< 0.1
Manganese	0.5	< 0.1	Zinc	1.0	< 0.5
Mercury	1.0	< 1	Zirconium	0.1	< 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: May, 2017

Person-in-Charge: Vladimír Patera