



Material	20700.298
Material description	Sulphuric acid 95%
Grade	AnalaR NORMAPUR analytical reagent
Lot	19E144006
Expires end of	2024-May-09
CAS Number	7664-93-9
Molecular formula	H <sub>2</sub> SO <sub>4</sub>
Molecular mass	98.08

Characteristics	Specifications	Measured values
Assay	95.0 --> 97.0 %	95.9 %
Colouration	Max. 10 APHA	Max. 10 APHA
Ignition residue	Max. 5 ppm	< 1 ppm
Substances reducing KMnO <sub>4</sub> (as SO <sub>2</sub> )	Max. 2 ppm	Max. 2 ppm
Cl (Chloride)	Max. 0.2 ppm	Max. 0.2 ppm
NH <sub>4</sub> (Ammonium)	Max. 2 ppm	Max. 2 ppm
NO <sub>3</sub> + NO <sub>2</sub> (as NO <sub>3</sub> )	Max. 0.2 ppm	Max. 0.2 ppm
PO <sub>4</sub> (Phosphate)	Max. 0.5 ppm	Max. 0.5 ppm
Ag (Silver)	Max. 0.02 ppm	Max. 0.02 ppm
Al (Aluminium)	Max. 0.02 ppm	Max. 0.02 ppm
As (Arsenic)	Max. 0.005 ppm	Max. 0.005 ppm
Ba (Barium)	Max. 0.02 ppm	Max. 0.02 ppm
Be (Beryllium)	Max. 0.01 ppm	Max. 0.01 ppm
Bi (Bismuth)	Max. 0.01 ppm	Max. 0.01 ppm
Ca (Calcium)	Max. 0.2 ppm	Max. 0.2 ppm
Cd (Cadmium)	Max. 0.02 ppm	Max. 0.02 ppm
Co (Cobalt)	Max. 0.01 ppm	Max. 0.01 ppm
Cr (Chromium)	Max. 0.02 ppm	Max. 0.02 ppm
Cu (Copper)	Max. 0.01 ppm	Max. 0.01 ppm
Fe (Iron)	Max. 0.2 ppm	Max. 0.2 ppm
Ge (Germanium)	Max. 0.02 ppm	Max. 0.02 ppm
K (Potassium)	Max. 0.05 ppm	Max. 0.05 ppm
Li (Lithium)	Max. 0.01 ppm	Max. 0.01 ppm
Mg (Magnesium)	Max. 0.03 ppm	Max. 0.03 ppm
Mn (Manganese)	Max. 0.01 ppm	Max. 0.01 ppm
Mo (Molybdenum)	Max. 0.02 ppm	Max. 0.02 ppm
Na (Sodium)	Max. 0.5 ppm	Max. 0.5 ppm
Ni (Nickel)	Max. 0.02 ppm	Max. 0.02 ppm

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Characteristics	Specifications	Measured values
Pb (Lead)	Max. 0.02 ppm	Max. 0.02 ppm
Sr (Strontium)	Max. 0.02 ppm	Max. 0.02 ppm
Ti (Titanium)	Max. 0.02 ppm	Max. 0.02 ppm
Tl (Thallium)	Max. 0.02 ppm	Max. 0.02 ppm
V (Vanadium)	Max. 0.01 ppm	Max. 0.01 ppm
Zn (Zinc)	Max. 0.1 ppm	Max. 0.1 ppm
Zr (Zirconium)	Max. 0.02 ppm	Max. 0.02 ppm

## Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Isabelle Habay, Head of Laboratory - Briare  
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