

## Sulphuric acid 95% AnalR NORMAPUR® analytical reagent, for trace analysis of cadmium, mercury and lead

Assay	Min. 95.0 %	Colouration	Max. 10 APHA
Ignition residue	Max. 5 ppm	Substances reducing KMnO <sub>4</sub> (as SO <sub>2</sub> )	Max. 5 ppm
Cl (Chloride)	Max. 0.2 ppm	NH <sub>4</sub> (Ammonium)	Max. 2 ppm
NO <sub>2</sub> + NO <sub>3</sub> (as NO <sub>3</sub> )	Max. 0.1 ppm	As (Arsenic)	Max. 0.01 ppm
Cd (Cadmium)	Max. 0.005 ppm	Cu (Copper)	Max. 0.05 ppm
Fe (Iron)	Max. 0.2 ppm	Hg (Mercury)	Max. 0.005 ppm
Ni (Nickel)	Max. 0.05 ppm	Pb (Lead)	Max. 0.005 ppm
Zn (Zinc)	Max. 0.05 ppm		

Cat. No.	Pk	Pack type
20704.292	1 l	Glass bottle
20704.320	2,5 l	Glass bottle

## Sulphuric acid 95% GPR RECTAPUR®

Assay	95 to 97 %
Density (20/4)	1.800 to 1.940
Heavy metals (as Pb)	Max. 10 ppm
Ignition residue	Max. 50 ppm
Cl (Chloride)	Max. 5 ppm
Fe (Iron)	Max. 5 ppm

Cat. No.	Pk	Pack type
20690.247	1 l	Glass bottle SAFEBREAK
20690.293	1 l	Glass bottle
20690.327	2,5 l	Glass bottle SAFEBREAK
20690.330	2,5 l	Plastic bottle
20690.442	20 l	Plastic drum
20690.511	50 l	Plastic drum

## Sulphuric acid 95% TECHNICAL

Assay	Min. 95 %
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Cat. No.	Pk	Pack type
20685.295	1 l	Glass bottle
20685.330	2,5 l	Plastic bottle
20685.360	5 l	Plastic container
20685.513	50 l	Plastic drum

## Sulphuric acid (90 - < 95%)

### Danger

H314  
P280 P301+P330+P331 P305+P351+P338  
P309+P310

CAS 7664-93-9

Index 016-020-00-8

EINECS: 231-639-5

UN: 1830

ADR 8,II

H<sub>2</sub>SO<sub>4</sub>

M.W. 98.08 g/mol

Density: 1.82 g/cm<sup>3</sup> (20 °C)

Storage Temperature: Ambient temperature



## Sulphuric acid 93% NORMATOM® for trace metal analysis

Assay	93 to 98 %	Colouration	Max. 10 APHA
Cl (Chloride)	Max. 0.7 ppm	Total P (Phosphorus)	Max. 0.1 ppm
NO <sub>2</sub> (Nitrate)	Max. 0.2 ppm	Substances reducing KMnO <sub>4</sub>	Max. 20 ppm
Ag (Silver)	Max. 1 ppb	Al (Aluminium)	Max. 1 ppb
As (Arsenic)	Max. 0.5 ppb	Au (Gold)	Max. 0.5 ppb
Ba (Barium)	Max. 1 ppb	Be (Beryllium)	Max. 0.1 ppb
Bi (Bismuth)	Max. 0.1 ppb	Ca (Calcium)	Max. 1 ppb
Cd (Cadmium)	Max. 0.5 ppb	Ce (Cerium)	Max. 0.1 ppb
Co (Cobalt)	Max. 0.5 ppb	Cr (Chromium)	Max. 0.5 ppb
Cs (Cesium)	Max. 0.1 ppb	Cu (Copper)	Max. 0.5 ppb
Dy (Dysprosium)	Max. 0.1 ppb	Er (Erbium)	Max. 0.1 ppb
Eu (Europium)	Max. 0.1 ppb	Fe (Iron)	Max. 1 ppb
Ga (Gallium)	Max. 0.1 ppb	Gd (Gadolinium)	Max. 0.1 ppb
Ge (Germanium)	Max. 1 ppb	Hf (Hafnium)	Max. 0.1 ppb
Hg (Mercury)	Max. 0.1 ppb	Ho (Holmium)	Max. 0.1 ppb
In (Indium)	Max. 0.1 ppb	K (Potassium)	Max. 1 ppb
La (Lanthanum)	Max. 0.1 ppb	Li (Lithium)	Max. 0.5 ppb
Lu (Lutetium)	Max. 0.1 ppb	Mg (Magnesium)	Max. 1 ppb
Mn (Manganese)	Max. 0.5 ppb	Mo (Molybdenum)	Max. 0.5 ppb
Na (Sodium)	Max. 1 ppb	Nb (Niobium)	Max. 0.1 ppb
Nd (Neodymium)	Max. 0.1 ppb	Ni (Nickel)	Max. 0.5 ppb
Pb (Lead)	Max. 0.1 ppb	Pr (Praseodymium)	Max. 0.1 ppb
Rb (Rubidium)	Max. 0.5 ppb	Rh (Rhodium)	Max. 0.5 ppb
Sb (Antimony)	Max. 1 ppb	Sc (Scandium)	Max. 0.1 ppb
Se (Selenium)	Max. 10 ppb	Sm (Samarium)	Max. 0.1 ppb
Sn (Tin)	Max. 1 ppb	Sr (Strontium)	Max. 0.5 ppb
Tb (Terbium)	Max. 0.1 ppb	Te (Tellurium)	Max. 0.1 ppb
Th (Thorium)	Max. 0.1 ppb	Ti (Titanium)	Max. 1 ppb
Tl (Thallium)	Max. 0.1 ppb	Tm (Thulium)	Max. 0.1 ppb
U (Uranium)	Max. 0.1 ppb	V (Vanadium)	Max. 0.5 ppb
W (Tungsten)	Max. 0.5 ppb	Y (Yttrium)	Max. 0.1 ppb
Yb (Ytterbium)	Max. 0.1 ppb	Zn (Zinc)	Max. 1 ppb
Zr (Zirconium)	Max. 0.5 ppb		

Cat. No.	Pk	Pack type
83875.270	500 ml	Plastic bottle
83875.290	1 l	Plastic bottle
83875.330	2,5 l	Plastic bottle

## Sulphuric acid 90% for milk analysis

Assay	Min. 90 %
Density (20/4)	1.815 to 1.825

Cat. No.	Pk	Pack type
20695.290	1 l	Glass bottle
20695.324	2,5 l	Glass bottle SAFEBREAK

## Sulphuric acid 62% for the determination of fats in cheese according to Gerber

Assay	61.7 to 62.7 %
Density (20/4)	1.517 to 1.527

Cat. No.	Pk	Pack type
84509.290	1 l	Plastic bottle
84509.360	5 l	Plastic bottle

## Sulphuric acid 500 ml/l (~65.1%) for determination of dissolved oxygen in water

Assay	49.75 to 50.25
Substances reducing KMnO <sub>4</sub>	Max. 1 ppm

Cat. No.	Pk	Pack type
160346N	2,5 l	Glass bottle

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CHEMICALS

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