

Certificate of Analysis

Product	Sulfuric acid 96%	Batch No.	: 21 05 0187
Grade	Electropure	Manufacturing date	: 25/05/2021
Code No.	EP1191	Best before	: 05/2022

Items	Descriptions	Specifications	Test Results
1	Assay (by acidimetry)	95.0 - 97.0%	96.6% (w/w)
2	Color (APHA)	10 max.	< 10
3	Residue after Ignition	3 ppm max.	< 3 ppm
4	Substances reducing permanganate (as SO ₂)	2 ppm max.	< 2 ppm
5	Ammonium (NH ₄)	1 ppm max.	< 1 ppm
6	Chloride (Cl)	0.1 ppm max.	< 0.1 ppm
7	Nitrate (NO ₃)	0.2 ppm max.	< 0.2 ppm
8	Phosphate (PO ₄)	0.5 ppm max.	< 0.5 ppm
9	Aluminium (Al)	0.05 ppm max.	< 0.05 ppm
10	Arsenic and Antimony (as As)	0.005 ppm max.	< 0.005 ppm
11	Barium (Ba)	0.05 ppm max.	< 0.05 ppm
12	Beryllium (Be)	0.02 ppm max.	< 0.02 ppm
13	Bismuth (Bi)	0.1 ppm max.	< 0.1 ppm
14	Boron (B)	0.02 ppm max.	< 0.02 ppm
15	Cadmium (Cd)	0.01 ppm max.	< 0.01 ppm
16	Calcium (Ca)	0.2 ppm max.	< 0.2 ppm
17	Chromium (Cr)	0.02 ppm max.	< 0.02 ppm
18	Cobalt (Co)	0.02 ppm max.	< 0.02 ppm
19	Copper (Cu)	0.01 ppm max.	< 0.01 ppm
20	Gallium (Ga)	0.02 ppm max.	< 0.02 ppm
21	Germanium (Ge)	0.1 ppm max.	< 0.1 ppm
22	Gold (Au)	0.1 ppm max.	< 0.1 ppm
23	Indium (In)	0.02 ppm max.	< 0.02 ppm
24	Iron (Fe)	0.1 ppm max.	< 0.1 ppm
25	Lead (Pb)	0.01 ppm max.	< 0.01 ppm
26	Lithium (Li)	0.02 ppm max.	< 0.02 ppm
27	Magnesium (Mg)	0.1 ppm max.	< 0.1 ppm
28	Manganese (Mn)	0.02 ppm max.	< 0.02 ppm
29	Mercury (Hg)	0.005 ppm max.	< 0.005 ppm
30	Molybdenum (Mo)	0.05 ppm max.	< 0.05 ppm
31	Nickel (Ni)	0.02 ppm max.	< 0.02 ppm
32	Platinum (Pt)	0.2 ppm max.	< 0.2 ppm
33	Potassium (K)	0.1 ppm max.	< 0.1 ppm
34	Silver (Ag)	0.02 ppm max.	< 0.02 ppm
35	Sodium (Na)	0.2 ppm max.	< 0.2 ppm
36	Strontium (Sr)	0.05 ppm max.	< 0.05 ppm
37	Thallium (Tl)	0.05 ppm max.	< 0.05 ppm
38	Tin (Sn)	0.1 ppm max.	< 0.1 ppm
39	Titanium (Ti)	0.1 ppm max.	< 0.1 ppm
40	Vanadium (V)	0.05 ppm max.	< 0.05 ppm
41	Zinc (Zn)	0.02 ppm max.	< 0.02 ppm
42	Zirconium (Zr)	0.1 ppm max.	< 0.1 ppm

This is to certify the above batch has been tested and complies with this specification.

Ladaphan.

Chemist

Achan.

Technical Manager