

Certificate of Analysis

Product	Sulfuric acid 96%	Batch No.	: 21 05 0090
Grade	Electropure	Manufacturing date	: 14/05/2021
Code No.	EP1191	Best before	: 05/2022

Items	Descriptions	Specifications		Test Results	
1	Assay (by acidimetry)	95.0 - 97.0%		96.5% (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