

Certificate of Analysis

Product	Sulfuric Acid 96%	Batch No.	: 21 05 0315
Grade	AR.	Manufacturing date	: 31/05/2021
Code No.	AR1191	Best before	: 05/2022

Items	Descriptions	Specifications	Test Results
1	Assay (by acidimetry)	95.0 - 98.0%	96.6% (w/w)
2	Appearance	Clear,colorless liquid	Clear,colorless liquid
3	Color (APHA)	10 max.	< 10
4	Residue after Ignition	5.0 ppm max.	< 5.0 ppm
5	Substances reducing permanganate (as SO ₂)	2.0 ppm max.	< 2.0 ppm
6	Ammonium (NH ₄)	1.0 ppm max.	< 1.0 ppm
7	Chloride (Cl)	0.1 ppm max.	< 0.1 ppm
8	Nitrate (NO ₃)	0.5 ppm max.	< 0.5 ppm
9	Heavy metals (as Pb)	0.5 ppm max.	< 0.5 ppm
10	Arsenic and Antimony (as As)	0.01 ppm max.	< 0.01 ppm
11	Cadmium (Cd)	0.01 ppm max.	< 0.01 ppm
12	Iron (Fe)	0.2 ppm max.	< 0.2 ppm
13	Lead (Pb)	0.01 ppm max.	< 0.01 ppm
14	Mercury (Hg)	0.005 ppm max.	< 0.005 ppm
15	Nickel (Ni)	0.2 ppm max.	< 0.2 ppm
16	Zinc (Zn)	0.02 ppm max.	< 0.02 ppm

Meet A.C.S. Specifications.

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

Ladaphan.

Chemist

Achan.

Technical Manager