

Certificate of Analysis

Product	Sulfuric Acid 50%	Batch No.	: 21 05 0422
Grade	AR.	Manufacturing date	: 31/05/2021
Code No.	AR1184	Best before	: 05/2022

Items	Descriptions	Specifications	Test Results
1	Assay (by acidimetry)	49.0 - 51.0%	50.6% (w/w)
2	Appearance	Passes test	Passes test
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	Iron (Fe)	0.2 ppm max.	< 0.2 ppm
12	Nickel (Ni)	0.2 ppm max.	< 0.2 ppm

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

Ladaphan

Chemist

Achan

Technical Manager