

## Certificate of Analysis

<b>Product</b>	<b>Sulfuric Acid 50%</b>	<b>Batch No.</b>	<b>: 21 05 0420</b>
<b>Grade</b>	<b>AR.</b>	<b>Manufacturing date</b>	<b>: 31/05/2021</b>
<b>Code No.</b>	<b>AR1184</b>	<b>Best before</b>	<b>: 05/2022</b>

Items	Descriptions	Specifications	Test Results
1	Assay (by acidimetry)	49.0 - 51.0%	50.7% (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 <sub>2</sub> )	2.0 ppm max.	< 2.0 ppm
6	Ammonium (NH <sub>4</sub> )	1.0 ppm max.	< 1.0 ppm
7	Chloride (Cl)	0.1 ppm max.	< 0.1 ppm
8	Nitrate (NO <sub>3</sub> )	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