

## Certificate of Analysis

<b>Product</b>	Nitric Acid 70%	<b>Batch No.</b>	: 21 05 0442
<b>Grade</b>	AR.	<b>Manufacturing date</b>	: 31/05/2021
<b>Code No.</b>	AR1137	<b>Best before</b>	: 05/2025

Items	Descriptions	Specifications	Test Results
1	Assay (by acidimetry)	69.0 - 70.0%	69.4% (w/w)
2	Appearance	Passes test	Passes test
3	Color (APHA)	10 max.	< 10
4	Residue after Ignition	4.0 ppm max.	< 4.0 ppm
5	Chloride (Cl)	0.1 ppm max.	< 0.1 ppm
6	Phosphate (PO <sub>4</sub> )	0.2 ppm max.	< 0.2 ppm
7	Sulfate (SO <sub>4</sub> )	0.5 ppm max.	< 0.5 ppm
8	Heavy metals (as Pb)	0.1 ppm max.	< 0.1 ppm
9	Arsenic (As)	0.004 ppm max.	< 0.004 ppm
10	Chromium (Cr)	0.1 ppm max.	< 0.1 ppm
11	Copper (Cu)	0.05 ppm max.	< 0.05 ppm
12	Iron (Fe)	0.2 ppm max.	< 0.2 ppm
13	Mercury (Hg)	0.005 ppm max.	< 0.005 ppm
14	Nickel (Ni)	0.05 ppm max.	< 0.05 ppm

Meet A.C.S. Specifications.

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

Ladaphan

Chemist

Achon

Technical Manager