

## Certificate of Analysis

<b>Product</b>	Nitric acid 70% (NSP-1)	<b>Batch No.</b>	: 21 05 0199
<b>Code No.</b>	SP0001	<b>Manufacturing date</b>	: 31/05/2021
		<b>Best before</b>	: 05/2025

Items	Descriptions	Specifications	Test Results
1	Main composition	Nitric acid 69% min.	69.8% (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	Antimony (Sb)	0.01 ppm max.	< 0.01 ppm
11	Barium (Ba)	0.01 ppm max.	< 0.01 ppm
12	Cadmium (Cd)	0.01 ppm max.	< 0.01 ppm
13	Chromium (Cr)	0.1 ppm max.	< 0.1 ppm
14	Copper (Cu)	0.05 ppm max.	< 0.05 ppm
15	Iron (Fe)	0.2 ppm max.	< 0.2 ppm
16	Mercury (Hg)	0.005 ppm max.	< 0.005 ppm
17	Nickel (Ni)	0.05 ppm max.	< 0.05 ppm
18	Selenium (Se)	0.01 ppm max.	< 0.01 ppm

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

Ladaphan.

Chemist

Achan.

Technical Manager