

Certificate of Analysis

Product Nitric Acid 97% Fuming **Batch No.** : 21 06 0086
Grade AR. **Manufacturing date** : 07/06/2021
Code No. AR1135 **Best before** : 06/2024

Items	Descriptions	Specifications	Test Results
1	Assay (by acidimetry)	97% min.	97.8% (w/w)
2	Dilution test	Passes test	Passes test
3	Dissolved Oxides (as N ₂ O ₃)	0.1% max.	< 0.1%
4	Residue after Ignition	0.002% max.	< 0.002%
5	Chloride (Cl)	0.5 ppm max.	< 0.5 ppm
6	Sulfate (SO ₄)	2.0 ppm max.	< 2.0 ppm
7	Heavy metals (as Pb)	1.0 ppm max.	< 1.0 ppm
8	Arsenic (As)	0.01 ppm max.	< 0.01 ppm
9	Cadmium (Cd)	0.1 ppm max.	< 0.1 ppm
10	Copper (Cu)	0.1 ppm max.	< 0.1 ppm
11	Iron (Fe)	1.0 ppm max.	< 1.0 ppm
12	Lead (Pb)	0.5 ppm max.	< 0.5 ppm
13	Manganese (Mn)	0.1 ppm max.	< 0.1 ppm
14	Nickel (Ni)	0.1 ppm max.	< 0.1 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