

Certificate of Analysis

Product Nitric Acid 70%

Grade RCI Premium

Code No. RP1137

Batch No. : 25 08 0153

Manufacturing date : 15/08/2025

Best before : 08/2029

Items	Descriptions	Specifications		Test Results	
1	Assay (by acidimetry)	69.0 - 70.0%		69.8%	(w/w)
2	Appearance	Passes test		Passes test	
3	Color (APHA)	10	max.	< 10	
4	Residue after ignition	0.0004%	max.	< 0.0004%	
5	Chloride (Cl)	0.00001%	max.	< 0.00001%	
6	Silicate (SiO ₂)	0.00005%	max.	< 0.00005%	
7	Sulfate (SO ₄)	0.00005%	max.	< 0.00005%	
8	Phosphate (PO ₄)	0.00002%	max.	< 0.00002%	
9	Heavy metals (as Pb)	0.00001%	max.	< 0.00001%	
10	Aluminum (Al)	0.00001%	max.	< 0.00001%	
11	Arsenic (As)	0.0000004%	max.	< 0.0000004%	
12	Barium (Ba)	0.000005%	max.	< 0.000005%	
13	Boron (B)	0.000005%	max.	< 0.000005%	
14	Cadmium (Cd)	0.000002%	max.	< 0.000002%	
15	Calcium (Ca)	0.00002%	max.	< 0.00002%	
16	Chromium (Cr)	0.000005%	max.	< 0.000005%	
17	Cobalt (Co)	0.000001%	max.	< 0.000001%	
18	Copper (Cu)	0.000002%	max.	< 0.000002%	
19	Gold (Au)	0.00001%	max.	< 0.00001%	
20	Iron (Fe)	0.00001%	max.	< 0.00001%	
21	Lead (Pb)	0.000005%	max.	< 0.000005%	
22	Magnesium (Mg)	0.00001%	max.	< 0.00001%	
23	Manganese (Mn)	0.000001%	max.	< 0.000001%	
24	Mercury (Hg)	0.0000005%	max.	< 0.0000005%	
25	Molybdenum (Mo)	0.000002%	max.	< 0.000002%	
26	Nickel (Ni)	0.000003%	max.	< 0.000003%	
27	Potassium (K)	0.00002%	max.	< 0.00002%	
28	Sodium (Na)	0.00005%	max.	< 0.00005%	
29	Strontium (Sr)	0.000002%	max.	< 0.000002%	
30	Tin (Sn)	0.00002%	max.	< 0.00002%	
31	Titanium (Ti)	0.00002%	max.	< 0.00002%	
32	Zinc (Zn)	0.00001%	max.	< 0.00001%	

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