

Certificate of Analysis

Product	Nitric Acid 70%	Batch No.	: 21 06 0325
Grade	RCI Premium	Manufacturing date	: 30/06/2021
Code No.	RP1137C	Best before	: 06/2025

Items	Descriptions	Specifications	Test Results
1	Assay (by acidimetry)	69.0 - 70.0%	69.5% (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	Aluminium (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

Achun.

Technical Manager