

TIQ-F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Nitric Acid 65 % AR

Catalog Number : A-2011

Batch Number : 2011-00000000

CAS Number : 7697-37-2

Molecular Weight : 63.01 g/mol

Mol. Formula : HNO₃

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	Clear colourless and free from suspended matter or sediment	Clear colourless and free from suspended matter
2	Assay (acidimetric)	64.0 – 66.0 %	65.664%
3	Colour scale	max 10 Hazen	8 Hazen
4	Wt.per ml at 20 °C	1.370 – 1.410 g/cm ³	1.396 g/cm ³
5	Residue on ignition	max 0.0005 %	0.00036%
6	Chloride (Cl)	max 0.00005 %	0.000040%
7	Phosphate and silicate (as SiO ₂)	max 0.0001 %	0.00009%
8	Sulphate (SO ₄)	max 0.0001 %	0.00005%
9	Arsenic (As)	max 0.000001 %	0.0000006%
10	Copper (Cu)	max 0.00001 %	0.0000025%
11	Iron (Fe)	max 0.00002 %	0.000007%
12	Heavy metals (asPb)	max 0.00002 %	0.000005%
13	Manganese (Mn)	max 0.00004 %	0.000015%

Corresponds to AR / ACS Grade

LABOTIQ In-house product specification, referenced to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC