

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Nitric Acid 69 % AR

Catalog Number : A-2012

Batch Number : 2012-00000000

CAS Number : 7697-37-2

Molecular Weight : 63.01 g/mol

Mol. Formula : HNO_3

Expire Date : 60 Months

SAMPLE

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)	69.0 – 70.0 %	69.28%
3	Colour scale	max 10 Hazen	8 Hazen
4	Wt.per ml at 20 °C	1.400 – 1.420 g/cm ³	1.410 g/cm ³
5	Residue on ignition	max 0.0005 %	0.00033%
6	Chloride (Cl)	max 0.00005 %	0.000041%
7	Phosphate and silicate (as SiO_2)	max 0.0001 %	0.00008%
8	Sulphate (SO_4)	max 0.0001 %	0.00004%
9	Arsenic (As)	max 0.000001 %	0.0000005%
10	Copper (Cu)	max 0.00001 %	0.000002%
11	Iron (Fe)	max 0.00002 %	0.000007%
12	Heavy metals (asPb)	max 0.00002 %	0.000004%
13	Manganese (Mn)	max 0.00004 %	0.000012%

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC