

F-QC-001 Rev.00

Certificate Of Analysis



Product Name : Perchloric Acid 70 % AR

Catalog Number : A-2014

Batch Number : 2014-00000000

CAS Number : 7601-90-3

Molecular Weight : 100.46 g/mol

Mol. Formula : HClO₄

Expire Date : 60 months

No	Test	Specifications	Results
1	Appearance	Clear colourless liquid	Clear colourless liquid
2	Assay (Acidimetric)	69.0 – 72.0 %	70.29%
3	Wt. Per ml at 20°C	About 1.67 g/cm ³	1.66 g/cm ³
4	Colour scale	max 10 Hazen	8 Hazen
5	Chloride (Cl)	max 0.001 %	0.0004%
6	Heavy Metals (as Pb)	max 0.0001 %	0.00006%
7	Iron (Fe)	max 0.0001 %	0.00007%
8	Nitrogen compounds (as N)	max 0.001 %	0.0003%
9	Residu on ignition	max 0.003 %	0.0022%
10	Silicate and Phosphate (as SiO ₂)	max 0.0005 %	0.00011%
11	Sulphate (SO ₄)	max 0.001 %	0.0003%

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC