

TIQ-F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Perchloric Acid 60 % AR

Catalog Number : A-2037

Batch Number : 2037-00000000

CAS Number : 7601-90-3

Molecular Weight : 100.46 g/mol

Mol. Formula : HClO_4

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	Clear colourless liquid	Clear colourless liquid
2	Assay (Acidimetric)	60.0 – 62.0 %	60.646%
3	Wt. Per ml at 20°C	About 1.54 g/cm ³	1.536 g/cm ³
4	Colour scale	max 10 Hazen	<10 Hazen
5	Chloride (Cl)	max 0.001 %	< 0.001%
6	Heavy Metals (as Pb)	max 0.0001 %	0.000042%
7	Iron (Fe)	max 0.0001 %	0.000035%
8	Nitrogen compounds (as N)	max 0.001 %	< 0.001%
9	Residu on ignition	max 0.003 %	0.0026%
10	Silicate and Phosphate (as SiO_2)	max 0.0005 %	< 0.0005%
11	Sulphate (SO_4)	max 0.001 %	< 0.001%

Corresponds to AR / ACS Grade

LABOTIQ Product Standard developed with reference to ACS Reagent Chemicals and AnalaR® specifications

SUDIRO S.Si.
Manager QC