

CERTIFICATE OF ANALYSIS

PRODUCT NAME : PERCHLORIC ACID 60% AR

CAS No	: 7601-90-3	Product code	: 24635
Mol. Formula	: HClO ₄	Batch No	: MCR-28665
Mol. WT	: 100.46	Mfd.	: July 2023
Date of Analysis	: 02/07/23	Exp.	: June 2028

S.R	Test	Specification	Observation
1	Description	Clear colourless liquid	Clear colourless liquid
2	Assay	60.0 - 62.0 %	61.47%
3	Non volatile matter	0.003 % max	0.0002%
4	Chlorate(ClO₃)	0.0012 % max	< 0.0012 %
5	Chloride(Cl)	0.0001 % max	< 0.0001 %
6	Free chlorine(Cl)	0.0005 % max	< 0.0005 %
7	Nitrate(NO₃)	0.001 % max	< 0.001 %
8	Phosphate & Silicate (SiO₂)	0.0003 % max	< 0.0003 %
9	Sulphate(SO₄)	0.0004 % max	< 0.0004 %
10	Ammonium(NH₄)	0.0002 % max	< 0.0002 %
11	Arsenic (As)	0.000005 % max	< 0.000005 %
12	Copper(Cu)	0.00001 % max	< 0.00001 %
13	Iron (Fe)	0.00005% max	< 0.00005 %
14	Lead (Pb)	0.00001 % max	< 0.00001 %
15	Manganese(Mn)	0.00005 % max	< 0.00005 %
16	Mercury(Hg)	0.00001 % max	< 0.00001 %
17	Potassium(K)	0.002 % max	< 0.002 %
18	Silver(Ag)	0.00001 % max	< 0.00001 %
19	Sodium(Na)	0.002 % max	< 0.002 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Deepa)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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