



CERTIFICATE OF ANALYSIS

PRODUCT NAME : PERCHLORIC ACID 60% AR

CAS No : 7601-90-3

Product code : 24635

Mol. Formula : HClO₄

Batch No : MCR-30492

Mol. WT : 100.46

Mfd. : Feb. 2024

Date of Analysis : 29/02/24

Exp. : Jan. 2029

S.R	Test	Specification	Observation
1	Description	Clear colourless liquid	Clear colourless liquid
2	Assay	60.0 - 62.0 %	60.69%
3	Non volatile matter	0.003 % max	0.0007%
4	Chlorate(ClO ₃)	0.0012 % max	< 0.0012 %
5	Chloride(Cl)	0.0001 % max	< 0.0001 %
6	Free chlorine(Cl)	0.0005 % max	< 0.0005 %
7	Nitrate(NO ₃)	0.001 % max	< 0.001 %
8	Phosphate & Silicate (SiO ₂)	0.0003 % max	< 0.0003 %
9	Sulphate(SO ₄)	0.0004 % max	< 0.0004 %
10	Ammonium(NH ₄)	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
(Durvas)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

•ISO 9001:2015•ISO 14001: 2015•BS OHSAS 18001: 2007•WHO-GMP Certified•NSIC Registered•MSME Registered•CAA Registered