CERTIFICATE OF ANALYSIS

PRODUCT NAME : PERCHLORIC ACID 60% AR

CAS No	**: 7601-90-3**	**Product code**	**: 24635**
Mol. Formula	**: $HClO_4$**	**Batch No**	**: MCR-17354**
Mol. WT	**: 100.46**	**Mfd.**	**: Nov. 2018**
Date of Analysis	**: 21/11/18**	**Exp.**	**: Oct. 2023**

S.R	Test	Specification	Observation
1	**Description**	Clear colourless liquid	Clear colourless liquid
2	**Assay**	60.0-62.0 %	60.52%
3	**Non volatile matter**	0.003 % max	0.002 %
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]**

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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