



## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>:</b>	<b>Perchloric Acid 60% AR</b>
<b>Code No.</b>	<b>:</b>	<b>01954</b>
<b>Batch No.</b>	<b>:</b>	<b>PCS05220031</b>
<b>Mfg. Date</b>	<b>:</b>	<b>MAY-2022</b>
<b>Date Of Analysis</b>	<b>:</b>	<b>05/05/2022</b>
<b>Retest Date</b>	<b>:</b>	<b>APRIL-2027</b>

TEST	SPECIFICATION	RESULT
Appearance	A clear colorless liquid	A clear colourless liquid
Assay	60 - 62%	60.52%
Colour scale	Max 10 Hazen	7 Hazen
Residue on ignition (as SO <sub>4</sub> )	Max 0.003%	0.001%
Matter insoluble in ethanol	Max 0.001%	0.0008%
Chlorate (ClO <sub>3</sub> )	Max 0.001%	Less than 0.001%
Total nitrogen (N)	Max 0.001%	Less than 0.001%
Chloride (Cl)	Max 0.0001%	Less than 0.0001%
Free chlorine (Cl)	Max 0.0005%	Less than 0.0005%
Nitrate (NO <sub>3</sub> )	Max 0.001%	Less than 0.001%
Phosphate and silicate (as SiO <sub>2</sub> )	Max 0.0003%	Less than 0.0003%
Sulphate (SO <sub>4</sub> )	Max 0.0004%	Less than 0.0004%
Ammonium (NH <sub>4</sub> )	Max 0.0002%	Less than 0.0002%
Heavy metal (as Pb)	Max 0.0001%	Less than 0.0001%
Arsenic (As)	Max 0.000005%	Less than 0.000005%
Copper (Cu)	Max 0.00001%	Less than 0.00001%
Iron (Fe)	Max 0.00005%	Less than 0.00005%
Lead (Pb)	Max 0.00001%	Less than 0.00001%
Manganese (Mn)	Max 0.00005%	Less than 0.00005%
Mercury (Hg)	Max 0.00001%	Less than 0.00001%
Potassium (K)	Max 0.002%	Less than 0.002%
Silver (Ag)	Max 0.00001%	Less than 0.00001%
Sodium (Na)	Max 0.002%	Less than 0.002%
Specific gravity	1.54g/ml	1.54g/ml

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd**

**This is an electronically generated Certificate and is valid without a signature.**

For Issues relating to Quality you may send us a mail on [sales@pallavchemicals.com](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)