



## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>:</b>	<b>CITRIC ACID MONOHYDRATE 99% EXTRAPURE</b>
<b>Code No.</b>	<b>:</b>	<b>00823</b>
<b>Batch No.</b>	<b>:</b>	<b>PC12222239</b>
<b>Mfg. Date</b>	<b>:</b>	<b>DEC-2022</b>
<b>Date Of Analysis</b>	<b>:</b>	<b>24/12/2022</b>
<b>Retest Date</b>	<b>:</b>	<b>NOV-2027</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	White crystalline powder	White crystalline powder
Assay (by NaOH titration)	Min 99%	99.99%
Insoluble matter in water	Max 0.01%	0.006%
Chloride (Cl)	Max 0.005%	Less than 0.005%
Sulphate (SO <sub>4</sub> )	Max 0.01%	Less than 0.01%
Oxalate (as C <sub>2</sub> H <sub>2</sub> O <sub>4</sub> )	Max 0.035%	Less than 0.035%
Heavy metal (as Pb)	Max 0.001%	Less than 0.001%
Lead (Pb)	Max 0.001%	Less than 0.001%
Iron (Fe)	Max 0.001%	Less than 0.001%
Zinc (Zn)	Max 0.001%	Less than 0.001%
Arsenic (As)	Max 0.0001%	Less than 0.0001%
Calcium (Ca)	Max 0.02%	Less than 0.02%
Barium (Ba)	Max 0.002%	Less than 0.002%
Reaction against H <sub>2</sub> SO <sub>4</sub>	Passes test	Passes
Water (H <sub>2</sub> O)	7.5 - 8.8%	8.45%
Sulphated ash (at 600°C)	Max 0.05%	0.023%

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)