



## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>:</b>	<b>1.10-PHENANTHROLINE HYDROCHLORIDE MONOHYDRATE 99.5% AR</b>
<b>Code No.</b>	<b>:</b>	<b>01967</b>
<b>Batch No.</b>	<b>:</b>	<b>PC12222163</b>
<b>Mfg. Date</b>	<b>:</b>	<b>DEC-2022</b>
<b>Date Of Analysis</b>	<b>:</b>	<b>16/12/2022</b>
<b>Retest Date</b>	<b>:</b>	<b>NOV-2027</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	A white crystalline powder, becoming white to pinkish coloured on storage	A white crystalline powder, becoming white to pinkish coloured on storage
Assay (acidimetric)	Min 97.0%	97.23%
Substance insoluble in water	Passes test	Passes
Water (H <sub>2</sub> O)	7 - 8.5%	7.93%
Sulphated ash	Max 0.2%	0.11%
Suitability (as indicator)	Passes test	Passes
Sensitivity test for iron (II)	Passes test	Passes

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)