



## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>:</b>	<b>LITHIUM HYDROXIDE MONOHYDRATE 99.5% AR</b>
<b>Code No.</b>	<b>:</b>	<b>01556</b>
<b>Batch No.</b>	<b>:</b>	<b>PC11221960</b>
<b>Mfg. Date</b>	<b>:</b>	<b>NOV-2022</b>
<b>Date Of Analysis</b>	<b>:</b>	<b>24/11/2022</b>
<b>Retest Date</b>	<b>:</b>	<b>OCT-2027</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	White crystalline powder	White crystalline powder
Assay	Min 99.5%	99.83%
Insoluble matter in water	Max 0.01%	0.0063%
Carbonate (as $\text{Li}_2\text{CO}_3$ )	Max 0.5%	Less than 0.5%
Chloride (Cl)	Max 0.002%	Less than 0.002%
Sulphate ( $\text{SO}_4$ )	Max 0.05%	Less than 0.05%
Calcium (Ca)	Max 0.02%	Less than 0.02%
Copper (Cu)	Max 0.0001%	Less than 0.0001%
Iron (Fe)	Max 0.0002%	Less than 0.0002%
Lead (Pb)	Max 0.0001%	Less than 0.0001%
Magnesium (Mg)	Max 0.0005%	Less than 0.0005%
Potassium (K)	Max 0.002%	Less than 0.002%
Sodium (Na)	Max 0.01%	Less than 0.01%
Heavy metals (by ICP-OES)	Max 0.002%	Less than 0.002%

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)