



## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	:	<b>AMMONIUM CHLORIDE 99.5% AR</b>
<b>Cas No.</b>	:	<b>12125-02-9</b>
<b>Code No.</b>	:	<b>00199</b>
<b>Batch No.</b>	:	<b>PC08241282</b>
<b>Mfg. Date</b>	:	<b>AUG-2024</b>
<b>Date Of Analysis</b>	:	<b>08/08/2024</b>
<b>Retest Date</b>	:	<b>JULY-2029</b>

TEST	SPECIFICATION	RESULT
Appearance	White crystalline powder	White crystalline powder
Assay (as NH <sub>4</sub> Cl; on anhydrous basis)	Min 99.5%	99.75%
pH (5% solution in water; 25°C)	4.5 - 5.5	4.91
Insoluble matter (10% in water)	Max 0.005%	0.0014%
Residue on ignition	Max 0.01%	0.005%
Calcium (Ca)	Max 0.001%	0.0006%
Magnesium (Mg)	Max 0.0005 %	0.000018%
Heavy metals (by ICP-OES)	Max 0.0005%	0.00027%
Iron (Fe)	Max 0.0002%	0.00007%
Phosphate (PO <sub>4</sub> )	Max 0.0002%	0.000036%
Sulphate (SO <sub>4</sub> )	Max 0.002%	0.0005%

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)