



## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	:	<b>ALUMINIUM CHLORIDE HEXAHYDRATE 99% AR</b>
<b>Cas No.</b>	:	<b>7784-13-6</b>
<b>Code No.</b>	:	<b>00119</b>
<b>Batch No.</b>	:	<b>PC09241742</b>
<b>Mfg. Date</b>	:	<b>SEP-2024</b>
<b>Date Of Analysis</b>	:	<b>30/09/2024</b>
<b>Retest Date</b>	:	<b>AUG-2029</b>

TEST	SPECIFICATION	RESULT
Appearance	White crystalline powder or colorless crystals, deliquescent	White crystalline powder
Assay (Complexometric)	Min 99.0%	100.26%
Solubility	Very soluble in water, freely soluble with ethanol (96 Per cent), soluble in glycerol	Complies
Identification (as per BP)	Passes test	Passes
Appearance of solution	Passes test	Passes
Sulphate (SO <sub>4</sub> )	Max 0.005%	0.0032%
Calcium (Ca)	Max 0.01%	0.004%
Cadmium (Cd)	Max 0.005%	0.002%
Cobalt (Co)	Max 0.005%	0.0036%
Copper (Cu)	Max 0.005%	0.0011%
Iron (Fe)	Max 0.001%	0.0007%
Potassium (K)	Max 0.01%	0.0023%
Sodium (Na)	Max 0.05%	0.018%
Nickel (Ni)	Max 0.005%	0.0024%
Lead (Pb)	Max 0.005%	0.0032%
Zinc (Zn)	Max 0.005%	0.0017%
Alkali & alkaline earth metals	Max 0.5%	0.19%
Water (H <sub>2</sub> O)	42.0 - 48.0%	44.88%

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)