



## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>: POTASSIUM PHOSPHATE DIBASIC ANHYDROUS 98% EXTRAPURE</b>
<b>Code No.</b>	<b>: 02160</b>
<b>Batch No.</b>	<b>: PC11221767</b>
<b>Mfg. Date</b>	<b>: NOV-2022</b>
<b>Date Of Analysis</b>	<b>: 04/11/2022</b>
<b>Retest Date</b>	<b>: OCT-2027</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	White hygroscopic crystalline powder	White hygroscopic crystalline powder
Assay (acidimetric; on anhydrous basis)	98 - 100.5%	98.63%
pH (10% solution in water)	8.5 - 9.6	9.13
Appearance of solution	Passes test	Passes
Insoluble matter in water	Max 0.2%	0.66%
Carbonate	Passes test	Passes
Chloride (Cl)	Max 0.02%	Less than 0.02%
Fluoride (F)	Max 0.001%	Less than 0.001%
Sulphate (SO <sub>4</sub> )	Max 0.1%	Less than 0.1%
Heavy metal (as Pb)	Max 0.001%	Less than 0.001%
Iron (Fe)	Max 0.001%	Less than 0.001%
Arsenic (As)	Max 0.0002%	Less than 0.0002%
Sodium (Na)	Max 0.5%	Less than 0.5%
Potassium hydrogen phosphate (KH <sub>2</sub> PO <sub>4</sub> )	Max 3.0%	0.73%
KMnO <sub>4</sub> reducing matter (as O)	Max 0.04%	Less than 0.04%
Loss on drying (at 130°C)	Max 1%	0.25%

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)