

## CERTIFICATE OF ANALYSIS

Product Name : POTASSIUM PHOSPHATE DIBASIC ANHYDROUS 99% AR  
 Lot No. : A387872110 Analyzed On : 28-Oct-2021  
 Mol. Formula : K<sub>2</sub>HPO<sub>4</sub> Mol. Weight : 174.18  
 Code No. : 05430 CAS No. : 7758-11-4  
 Mfg. Date : Oct-2021 Exp. Date : Sep-2026  
 HAZ. / P.G. : - UN No. : -

| Sr. | Tests                           | Specifications                       | Results                              |
|-----|---------------------------------|--------------------------------------|--------------------------------------|
| 1   | Appearance                      | White hygroscopic crystalline powder | White hygroscopic crystalline powder |
| 2   | Assay                           | Min 99%                              | 99.37%                               |
| 3   | pH (5% solution in water; 25°C) | 8.7 - 9.6                            | 8.94                                 |
| 4   | Chloride (Cl)                   | Max 0.003%                           | 0.0029%                              |
| 5   | Heavy metal (as Pb)             | Max 0.0005%                          | Nil                                  |
| 6   | Insoluble matter                | Max 0.01%                            | <0.01%                               |
| 7   | Iron (Fe)                       | Max 0.001%                           | Nil                                  |
| 8   | Loss on drying (at 105°C)       | Max 1%                               | 0.015%                               |
| 9   | Nitrogen compounds (as N)       | Max 0.001%                           | <0.001%                              |
| 10  | Sodium (Na)                     | Max 0.5%                             | 0.31%                                |
| 11  | Sulphate (SO <sub>4</sub> )     | Max 0.005%                           | 0.0045%                              |

**CONCLUSION** -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**



Shashikant Gaikwad  
QC Manager

**LOBA CHEMIE PVT. LTD.**

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