

# Certificate of Analysis

## Potassium phosphate dibasic

Anhydrous >98%

|                          |                                 |                     |             |
|--------------------------|---------------------------------|---------------------|-------------|
| <b>Product Number</b>    | PSR42792                        | <b>CAS No.</b>      | 7758-11-4   |
| <b>Brand</b>             | PureSynth                       | <b>Lot No.</b>      | P42792H1123 |
| <b>Molecular Formula</b> | K <sub>2</sub> HPO <sub>4</sub> | <b>Date of Mfg.</b> | Nov.2023    |
| <b>Molecular Weight</b>  | 174.18 g/mol                    | <b>Date of Exp.</b> | Oct.2026    |

| <b>Test</b>                 | <b>Specification</b>     | <b>Result</b>            |
|-----------------------------|--------------------------|--------------------------|
| Appearance                  | White Crystalline powder | White Crystalline powder |
| Assay                       | ≥ 98.0 %                 | 99.7 %                   |
| Water insoluble matter      | 0.01 %                   | 0.01 %                   |
| pH (5 %, 25 °C)             | 8.5-9.6                  | Conforms                 |
| Iron (Fe)                   | NMT 10 ppm               | < 10 ppm                 |
| Chloride (Cl)               | NMT 30 ppm               | < 30 ppm                 |
| Sulphate (SO <sub>4</sub> ) | NMT 50 ppm               | < 50 ppm                 |
| Sodium (Na)                 | NMT 500 ppm              | < 500 ppm                |

**Condition:** Store at room temperature and keep the container tightly closed.

**Remark:** The batch complies with the prescribed quality of the above specification.

Approved By  
Head - Technical

*This is a computer-generated report -does not required sign*

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