

## Certificate of Analysis

### Compound Information

|                     |                        |
|---------------------|------------------------|
| Product Name:       | Tripotassium phosphate |
| Cat. No.:           | 1043059                |
| CAS No.:            | 7778-53-2              |
| Molecular Formula:  | $K_3O_4P$              |
| Molecular Weight:   | 212.27                 |
| Chemical Structure: |                        |



### Batch Information

|              |                           |
|--------------|---------------------------|
| Batch No.:   | Lg1106331026              |
| Storage:     | Store at room temperature |
| Test Date:   | 2023-11-06                |
| Retest Date: | 2028-11-05                |
| Origin:      | Shanghai, China           |

### QC Summary

|  | Specification   | Result         |
|--|---|----------------|
| Appearance:                              | White to off-white (Solid)  | White (Powder) |
| Assay, $\omega/\%$ :                     | $\geq 98.0$   | 98.06          |
| Arsenic(As), $\omega/\%$ :               | $\leq 0.001$  | qualified      |
| Heavy Metal, $\omega/\%$ :               | $\leq 0.002$  | qualified      |
| Water Insoluble Substance, $\omega/\%$ : | $\leq 0.2$  | 0.04           |
| PH(10 g/L water):                        | 11.5-12.5   | 11.54          |
| Loss On Ignition, $\omega/\%$ :          | $\leq 5.0$  | 4.17           |
| Conclusion:                              | The product has been tested and complies with the given specifications. |                |

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai