

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2026-04-30 17:26:37  
Date of Next Testing: 2029-04-29 17:26:37  
Product Name: **Phosphoric acid solution**  
CAS Number: 7664-38-2  
Specifications & Purity: 49.5-50.5%, suitable for HPLC  
Lot #: F2327864  
SKU #: **P433771**  
Version: **1**  
Analysis #: **699792**  
Storage Temperature: Room temperature

| Parameter                        | Limit Values     | Result           |
|----------------------------------|------------------|------------------|
| Concentration(Titration by NaOH) | 49.5-50.5 (%)    | 50.00000 %       |
| Density(D20/4°C)                 | 1.331-1.336      | 1.33300          |
| UV Absorbance 215nm              | 0-0.05           | 0.02000          |
| Absorbance (at 230 nm)           | 0-0.03           | 0.01000          |
| UV Absorbance 240nm              | 0-0.02           | 0.01000          |
| UV Absorbance 280nm              | 0-0.02           | 0.01000          |
| UV Absorbance 500nm              | 0-0.02           | 0.01000          |
| Appearance(P433771)              | Colorless Liquid | Colorless liquid |
| Suitability Test (HPLC)          | Pass             | Pass             |

