

## Certificate of Analysis

Date of Testing: 2024-11-14 09:34:40  
Date of Next Testing: 2028-11-13 09:34:40  
Product Name: **Potassium carbonate**  
CAS Number: 584-08-7  
Specifications & Purity: AR, ≥99%  
Lot #: K2406363  
SKU #: **P111556**  
Version: **0**  
Analysis #: **387332**  
Storage Temperature: Desiccated

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(Titration by HCl) | 98.5-101.5 (%)        | 98.91 %               |
| Loss on drying(300 °C)   | 0-1 (%)               | 0.50 %                |
| Appearance (P111556)     | white powder or solid | white powder or solid |
| Solubility(1 m in water) | Clear colorless       | Clear Colorless       |
| X-Ray Diffraction        | Conforms to Structure | Conforms to Structure |



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QA & QC Manager