

## Certificate of Analysis

Date of Testing: 2024-12-23 11:15:06  
Date of Next Testing: 2028-12-22 11:15:06  
Product Name: **Potassium carbonate**  
CAS Number: 584-08-7  
Specifications & Purity:  $\geq 98\%$ , powder, > 325mesh  
Lot #: L2417062  
SKU #: **P294003**  
Version: **1**  
Analysis #: **410158**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(Titration by HCl)	98-102.5 (%)	100.10 %
Average particle size	$\leq 44$ ( $\mu\text{m}$ )	17.80 $\mu\text{m}$
Loss on Drying(400°C, 2 hours)	$\leq 1$ (%)	0.64 %
Appearance(P294003)	White Powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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QA & QC Manager