

## Certificate of Analysis

Date of Testing: 2023-02-19 17:16:22  
Date of Next Testing: 2027-02-18 17:16:22  
Product Name: **Potassium carbonate**  
CAS Number: 584-08-7  
Specifications & Purity:  $\geq 98\%$ , powder, -325 mesh  
Lot #: B2314169  
SKU #: **P294003**  
**Analysis:** **189602**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(Titration by HCl)	98-102.5 (%)	99.45 %
Average particle size	$\leq 44$ ( $\mu\text{m}$ )	17.30 $\mu\text{m}$
Loss on Drying(400°C, 2 hours)	$\leq 1$ (%)	0.61 %
Appearance(P294003)	White Powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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QA & QC Manager