

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)

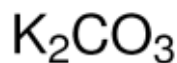
Email USA: [techserv@sial.com](mailto:techserv@sial.com)

Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Potassium carbonate – ACS reagent, ≥99.0%

**Product Number:** 209619  
**CAS Number:** 584-08-7  
**MDL:** MFCD00011382  
**Formula:** K<sub>2</sub>CO<sub>3</sub>  
**Formula Weight:** 138.21 g/mol



TEST	Specification
Assay	≥ 99.0 %
Titration by HCL	
Insoluble Matter	≤ 0.01 %
Chloride Content	≤ 0.003 %
Phosphate (PO <sub>4</sub> )	≤ 0.001 %
Silica	≤ 0.005 %
Sulfur Compounds	≤ 0.004 %
Calcium (Ca)	≤ 0.005 %
Magnesium (Mg)	≤ 0.002 %
Sodium (Na)	≤ 0.02 %
Iron (Fe)	≤ 5 ppm
Heavy Metals ((by ICP-OES)	≤ 5 ppm
Recommended Retest Period	-----
3 years	
Meets ACS Requirements	Current ACS Specification

Specification: PRD.5.ZQ5.10000029314

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.