

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Certificate of Analysis

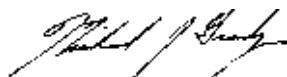
Product Name:

Potassium carbonate - anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%

Product Number: 791776
Batch Number: SLCB2172
Brand: SIGALD
CAS Number: 584-08-7
Formula: CK2O3
Formula Weight: 138.21 g/mol
Quality Release Date: 17 JUN 2019
Recommended Retest Date: JAN 2022



Test	Specification	Result
Appearance (Form)	Powder	Powder
Titration by HCL	≥ 99.0 %	99.8 %
Insoluble Matter	≤ 0.01 %	0.00 %
Chloride Content	≤ 0.003 %	< 0.003 %
Iron (Fe)	≤ 5 ppm	< 5 ppm
Heavy Metals (by ICP-OES)	< = 5 ppm	< 5 ppm
Calcium (Ca)	≤ 0.005 %	0.002 %
Magnesium (Mg)	≤ 0.002 %	0.001 %
Sodium (Na)	≤ 0.02 %	0.01 %
Phosphate (PO4)	≤ 0.001 %	< 0.001 %
Sulfur Compounds	≤ 0.004 %	< 0.004 %
Silica	≤ 0.005 %	< 0.005 %
Meets ACS Requirements	Current ACS Specification	Conforms
Recommended Retest Period 3 Years	-----	-----



Michael Grady, Manager
 Quality Control
 Milwaukee, WI US

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. 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.