

3050 Spruce Street, Saint Louis, MO 63103, USA

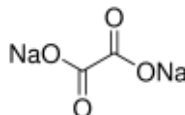
Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Sodium oxalate - ACS reagent, ≥99.5%

Product Number: 223433
Batch Number: MKCK0748
Brand: SIGALD
CAS Number: 62-76-0
MDL Number: MFCD00012465
Formula: C₂Na₂O₄
Formula Weight: 134.00 g/mol
Quality Release Date: 09 MAY 2019



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Titration by KMNO ₄ % (COONa) ₂	≥ 99.5 %	100.0 %
Loss on Drying	≤ 0.01 %	< 0.01 %
Insoluble Matter C= 4%, H ₂ O	≤ 0.005 %	< 0.001 %
Chloride Content	≤ 0.002 %	< 0.001 %
Substances Darkened (by H ₂ SO ₄) (by hot H ₂ SO ₄)	Pass	Pass
Iron (Fe)	≤ 0.001 %	< 0.001 %
Heavy Metal	≤ 0.002 %	< 0.001 %
Potassium (K)	≤ 0.005 %	< 0.001 %
Neutrality	Pass	Pass
Ammonia (NH ₄)	≤ 0.002 %	< 0.001 %
Sulfate (SO ₄)	≤ 0.002 %	< 0.001 %
Meets ACS Requirements	Current ACS Specification	Conforms

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.