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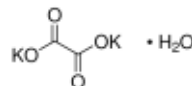
Outside USA: eurtechserv@sial.com

Product Name:

Certificate of Analysis

Potassium oxalate monohydrate - ACS reagent, 99%

Product Number: 223425
Batch Number: MKCH0177
Brand: SIGALD
CAS Number: 6487-48-5
MDL Number: MFCD00150033
Formula: C₂K₂O₄ · H₂O
Formula Weight: 184.23 g/mol
Quality Release Date: 09 AUG 2018
Recommended Retest Date: JUL 2020



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Crystals or Crystals with Chunks	Crystals
Infrared Spectrum	Conforms to Structure	Conforms
Titration by KMNO ₄	98.5 - 101.0 %	100.6 %
Substances Darkened (by H ₂ SO ₄)	Pass	Pass
Neutrality	Pass	Pass
Insoluble Matter	≤ 0.01 %	< 0.01 %
Chloride Content	≤ 0.002 %	< 0.002 %
Sulfate (SO ₄)	≤ 0.01 %	< 0.01 %
Ammonium	≤ 0.002 %	< 0.002 %
Heavy Metal	≤ 0.002 %	< 0.001 %
Iron (Fe)	≤ 0.001 %	< 0.001 %
Sodium (Na)	≤ 0.02 %	< 0.01 %
Meets ACS Requirements	Meets Requirements	Meets Requirements
Recommended Retest Period	-----	-----
2 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.