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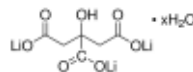
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Certificate of Analysis

Product Name:

Lithium citrate hydrate - 97%

Product Number: 213209
Batch Number: MKBZ1994V
Brand: ALDRICH
CAS Number: 313222-91-2
MDL Number: MFCD00150028
Formula: C₆H₅Li₃O₇ · xH₂O
Formula Weight: 209.92 g/mol
Quality Release Date: 28 APR 2016



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Crystalline Powder	Crystalline Powder
Infrared Spectrum	Conforms to Structure	Conforms
Purity (Titration by HClO ₄) Anhydrous basis	96.5 - 103.5 %	98.5 %
Water (by Karl Fischer) Ca. 30% H ₂ O		24.6 %
Solubility (Turbidity) C = 10%, H ₂ O	Clear	Clear
Solubility (Color)	Colorless	Colorless

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.