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Product Specification

Product Name:

Lithium carbonate - 99.99% trace metals basis

Product Number:**431559**

CAS Number:

554-13-2

MDL:

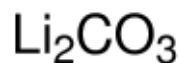
MFCD00011084

Formula:

CLi2O3

Formula Weight:

73.89 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Titration by HCL	≥ 99.0 %
Insoluble matter	≤ 0.01 %
Calcium (Ca)	≤ 0.01 %
Chloride Content	≤ 0.005 %
Iron (Fe)	≤ 0.002 %
Heavy Metal as Lead	≤ 0.002 %
Potassium (K)	≤ 0.01 %
Sodium (Na)	≤ 0.10 %
Nitrate (ppm)	≤ 5 ppm
Sulfur compounds	≤ 0.20 %
ICP Major Analysis Confirms Lithium Component	Confirmed
Purity 99.99% Based On Trace Metals Analysis	Meets Requirements
Trace Metal Analysis	≤ 150.0 ppm

Specification: PRD.1.ZQ5.10000024579

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.