

3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:

Lithium hydroxide monohydrate - 99.995% trace metals basis

Product Number:**450197**

CAS Number:

1310-66-3

MDL:

MFCD00149772

Formula:

HLiO · H₂O

Formula Weight:

41.96 g/mol

LiOH · H₂O

TEST	Specification
Appearance (Color)	White
Appearance (Form) Powder, Crystals, Crystalline Powder or Granules	Conforms to Requirements
Titration by HCL	97.5 - 102.5 %
ICP Major Analysis Confirms Li Component	Confirmed
Purity 99.995% Based On Trace Metals Analysis	Meets Requirements
Trace Metal Analysis	≤ 55.0 ppm

Specification: PRD.1.ZQ5.10000043676

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.