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## Product Specification

Product Name:

Lithium tetraborate – ≥99.9% trace metals basis

Product Number:

222534

CAS Number:

12007-60-2

MDL:

MFCD00011083

Formula:

B<sub>4</sub>Li<sub>2</sub>O<sub>7</sub>

Formula Weight:

169.12 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
X-Ray Diffraction	Conforms to Structure
Titration by NAOH	≥ 25.0 %
% B	
Loss on Ignition	≤ 1.00 %
Average Particle Size	
Specification: Report Results	
Purity	Meets Requirements
> = 99.9% Based On Trace Metals Analysis By ICP and AA Combined	
Trace Metal Analysis	≤ 1000.0 ppm
Atomic Absorption	≤ 1000.0 ppm

Specification: PRD.0.ZQ5.10000051547

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](http://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.