

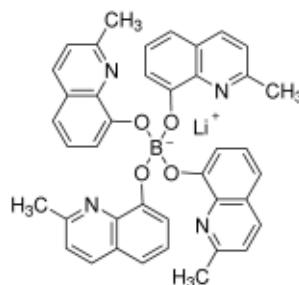
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## Product Specification

Product Name:  
Lithium tetra(2-methyl-8-hydroxyquinolino)boron - 98%

Product Number: **538914**  
CAS Number: 338949-42-1  
MDL: MFCD03093696  
Formula: C<sub>40</sub>H<sub>32</sub>BLiN<sub>4</sub>O<sub>4</sub>  
Formula Weight: 650.46 g/mol



### TEST

### Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Solid
Infrared spectrum	Conforms to Structure
Wavelength	240 - 248 nm
Concentration: 0.003-0.005g/L In Acetonitrile	
Extinction Coefficient	≥ 90000
Carbon	72.0 - 75.7 %
Nitrogen	8.3 - 8.9 %
ICP Major Analysis	Confirmed
Confirms Lithium and Boron Components	

Specification: PRD.0.ZQ5.10000035430

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.