

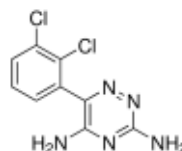
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## Product Specification

Product Name:  
Lamotrigine - ≥98%, powder

**Product Number:** L3791  
**CAS Number:** 84057-84-1  
**MDL:** MFCD00865333  
**Formula:** C<sub>9</sub>H<sub>7</sub>Cl<sub>2</sub>N<sub>5</sub>  
**Formula Weight:** 256.09 g/mol  
**Storage Temperature:** 2 - 8 °C



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Proton NMR Spectrum	Conforms to Structure
Solubility (Turbidity)	Clear
c = 20 mg/mL, DMSO	
Solubility (Color)	Colorless to Faint Yellow
Carbon	41.0 - 43.1 %
Hydrogen	
Specification: Report Result	
Nitrogen	26.7 - 27.9 %
Purity (TLC)	≥ 98 %

Specification: PRD.1.ZQ5.10000027374

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.