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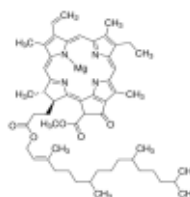
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## Product Specification

Product Name:  
Chlorophyll a - from spinach

**Product Number:** C5753  
**CAS Number:** 479-61-8  
**MDL:** MFCD00079050  
**Formula:** C<sub>55</sub>H<sub>72</sub>MgN<sub>4</sub>O<sub>5</sub>  
**Formula Weight:** 893.49 g/mol  
**Storage Temperature:** -20 °C



TEST	Specification
Appearance (Color)	Blue to Very Dark Blue
Appearance (Form)	Powder
Solubility (Color)	Green and Blue-Green
Solubility (Turbidity)	Clear
10 ug/mL, Ether	
EmM	82 - 91
(660-662 nm in Ether)	
EmM	106 - 118
(428-430 nm in Ether)	
Purity (HPLC)	≥ 85 %
Impurity	≤ 0.4 %
Chlorophyll B by HPLC	
Proton NMR spectrum	Conforms to Structure
Recommended Retest Period	-----
3 years	

Specification: PRD.2.ZQ5.10000025550

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.