

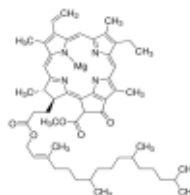
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Product Specification

Product Name:
Chlorophyll a - from spinach

Product Number: C5753
CAS Number: 479-61-8
MDL: MFCD00079050
Formula: C₅₅H₇₂MgN₄O₅
Formula Weight: 893.49 g/mol
Storage Temperature: -20 °C



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

Specification: PRD.3.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. 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.

