

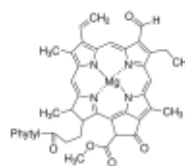
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Product Specification

Product Name:
Chlorophyll b from spinach - $\geq 90\%$ (HPLC), $\leq 0.5\%$ Chlorophyll a

Product Number: C5878
CAS Number: 519-62-0
MDL: MFCD00079053
Formula: C₅₅H₇₀MgN₄O₆
Formula Weight: 907.47 g/mol
Storage Temperature: -20 °C



TEST	Specification
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Appearance (Color)	Dark Green to Very Dark Green
Appearance (Form)	Powder
Solubility (Color)	Light Green to Dark Green
Solubility (Turbidity)	Clear
10 ug/mL in ether	
EmM	≥ 53
Lambda max 642 to 644 nm	
EmM	≥ 151
Lambda max 451 to 453 nm	
Purity (HPLC)	$\geq 90\%$
Impurity	$\leq 0.5\%$
Chlorophyll A	
Proton NMR spectrum	Conforms to Structure
Recommended Retest Period	-----
3 Years	

Specification: PRD.2.ZQ5.10000052881

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.

