

## Certificate of Analysis

Date of Testing: 2022-07-30 15:04:51  
Date of Next Testing: 2026-07-29 15:04:51  
Product Name: **Chlorophyll a**  
CAS Number: 479-61-8  
Specifications & Purity:  $\geq 85.0\%$  (HPLC)  
Lot #: G2219305  
SKU #: **C109269**  
**Analysis: 104142**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity (HPLC,Chlorophyll B)	0-0.4 (%)	0.32 %
EmM(428-430 nm in Ether)	106-118	112.00
EmM(660-662 nm in Ether)	82-91	88.60
Purity (HPLC,Chlorophyll A)	85-100 (%)	98.50 %
Appearance (C109269)	Green-greenish black,crystalline powder or powder	Green-greenish black,crystalline powder or powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Ether , Blue,Green,or Blue-Green,Clear,10 ug/mL	pass	Pass



John Su  
QA & QC Manager