

Certificate of Analysis

Date of Testing: 2022-10-17 09:12:35
Date of Next Testing: 2026-10-16 09:12:35
Product Name: **Chlorophyll a**
CAS Number: 479-61-8
Specifications & Purity: $\geq 85.0\%$ (HPLC)
Lot #: J2211801
SKU #: **C109269**
Analysis: **134501**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity (HPLC,Chlorophyll B)	0-0.4 (%)	0.20 %
EmM(428-430 nm in Ether)	106-118	112.30
EmM(660-662 nm in Ether)	82-91	86.40
Purity (HPLC,Chlorophyll A)	85-100 (%)	97.60 %
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