

Certificate of Analysis

Date of Testing: 2022-04-26 14:25:04

Date of Next Testing: 2026-04-25 14:25:04

Product Name: **Chlorophyll a**

CAS Number: 479-61-8

Specifications & Purity: $\geq 85.0\%$ (HPLC)

Lot #: F1812017

SKU #: **C109269**

Analysis: 087868

Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|---|---|---|
| Purity (HPLC,Chlorophyll B) | 0-0.4 (%) | 0.38 % |
| EmM(428-430 nm in Ether) | 106-118 | 109.00 |
| EmM(660-662 nm in Ether) | 82-91 | 89.00 |
| Purity (HPLC,Chlorophyll A) | 85-100 (%) | 99.00 % |
| 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