

## Certificate of Analysis

Date of Testing: 2023-04-10 14:35:47  
Date of Next Testing: 2027-04-09 14:35:47  
Product Name: **microcystin lr**  
CAS Number: 101043-37-2  
Specifications & Purity: ~10ug/ml in Methanol/Water(1/1)  
Lot #: D23031227  
SKU #: **M299661**  
**Analysis: 181800**  
Storage Temperature: Store at -20°C

| Parameter                            | Limit Values          | Result                |
|--------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                         | 95-100 (%)            | 96.00000 %            |
| Concentration in Methanol/Water(1/1) | 9.5-10.5 (µg/ml)      | 10.02000 µg/ml        |
| Appearance (M299661)                 | Colorless liquid      | Colorless liquid      |
| Proton NMR spectrum                  | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager