

## Certificate of Analysis

Date of Testing: 2025-05-15 09:00:04

Date of Next Testing: 2028-05-14 09:00:04

Product Name: **Betulinicaldehyde**

CAS Number: 13159-28-9

Specifications & Purity:  $\geq 98\%$

Lot #: G2226182

SKU #: **B414345**

Version: **1**

Analysis #: **508920**

Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter           | Limit Values                       | Result                             |
|---------------------|------------------------------------|------------------------------------|
| Purity(HPLC)        | 98-100 (%)                         | 99.90000 %                         |
| Proton NMR spectrum | Conforms to Structure              | Conforms to Structure              |
| Appearance(B414345) | White to off-white Solid or Powder | White to off-white solid or powder |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager