

## Certificate of Analysis

Date of Testing: 2023-05-18 11:26:10

Date of Next Testing: 2027-05-17 11:26:10

Product Name: **Amsacrine hydrochloride**

CAS Number: 54301-15-4

Specifications & Purity:  $\geq 98\%$  (HPLC)

Lot #: E2311111

SKU #: **A107930**

**Analysis:** **072372**

| Parameter            | Limit Values          | Result                |
|----------------------|-----------------------|-----------------------|
| Purity(HPLC)         | 98-100 (%)            | 98.27600 %            |
| Appearance (A107930) | red to brown powder   | red to brown powder   |
| Proton NMR spectrum  | Conforms to structure | Conforms to Structure |

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

John Su  
QA & QC Manager