## **Certificate of Analysis**

## Acriflavine

 Cat. No.:
 HY-100575

 CAS No.:
 8048-52-0

 Batch No.:
 25433

Chemical Name: Acridinium, 3,6-diamino-10-methyl-, chloride, mixt. with 3,6-acridinediamine

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{14}H_{14}CIN_3$ Molecular Weight: 259.73

Storage: 4°C, sealed storage, away from moisture and light

 $^{\star}$  In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

**Chemical Structure:** 

$$H_2N$$
 $N$ 
 $NH_2$ 
 $H_2N$ 
 $N^+$ 
 $NH_2$ 

## **ANALYTICAL DATA**

Appearance: Light brown to brown (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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