## **Certificate of Analysis**

## **Phenosafranine**

Cat. No.: HY-W040198
CAS No.: 81-93-6
Batch No.: 271999

Chemical Name: 3,7-Diamino-5-phenylphenazin-5-ium chloride

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{18}H_{15}CIN_4$ Molecular Weight: 322.79

**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:** 

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

## **ANALYTICAL DATA**

Appearance: Green to dark green (Solid)

LCMS: Consistent with structure

Purity (HPLC): 80.12%

**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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