## **Certificate of Analysis**

## Alloxazine

Cat. No.: HY-123085
CAS No.: 490-59-5
Batch No.: 278055

Chemical Name: Benzo[g]pteridine-2,4(1H,3H)-dione

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{10}H_6N_4O_2$ Molecular Weight: 214.18

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Light yellow to yellow (Solid)

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

MS: Consistent with structure

Purity (HPLC): 96.29%

**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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