## **Certificate of Analysis**

## **Sulfamethazine**

 Cat. No.:
 HY-B0035

 CAS No.:
 57-68-1

 Batch No.:
 16682

Chemical Name: Benzenesulfonamide, 4-amino-N-(4,6-dimethyl-2-pyrimidinyl)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{12}H_{14}N_4O_2S$  Molecular Weight: 278.33

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

**Chemical Structure:** 

$$\begin{array}{c|c} O & H \\ S & N \\ O & N \end{array}$$

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.66%

**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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