Certificate of Analysis

Sulfathiazole

Cat. No.: HY-B0507
CAS No.: 72-14-0
Batch No.: 213074

Chemical Name: Benzenesulfonamide, 4-amino-N-2-thiazolyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_9H_9N_3O_2S_2$ Molecular Weight: 255.32

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: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.78%

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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