

Certificate of Analysis

Thiamphenicol

Cat. No.: HY-B0479 CAS No.: 15318-45-3 Batch No.: 16280

Chemical Name: Acetamide, 2,2-dichloro-N-[(1R,2R)-2-hydroxy-1-(hydroxymethyl)-2-[4-(methylsulfonyl)phenyl]e

thyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{12}\mathsf{H}_{15}\mathsf{Cl}_2\mathsf{NO}_5\mathsf{S}$

Molecular Weight: 356.22

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) LCMS: Consistent with structure

Purity (LCMS): 99.20%

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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