Certificate of Analysis

Aztreonam

Cat. No.: HY-B0129 CAS No.: 78110-38-0 Batch No.: 347741

Chemical Name: Propanoic acid, 2-[[(Z)-[1-(2-amino-4-thiazolyl)-2-[[(2S,3S)-2-methyl-4-oxo-1-sulfo-3-azetidinyl]a

mino]-2-oxoethylidene]amino]oxy]-2-methyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{13}H_{17}N_5O_8S_2$ **Molecular Weight:** 435.43278

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 2 years

> -20°C 1 year

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.64%

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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