Certificate of Analysis

Sulfo-SMCC (sodium)

Cat. No.: HY-D0975 CAS No.: 92921-24-9 Batch No.: 154846

Chemical Name: Cyclohexanecarboxylic acid, 4-[(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)methyl]-, 2,5-dioxo-3-sulfo

-1-pyrrolidinyl ester, sodium salt (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{16}\mathsf{H}_{17}\mathsf{N}_2\mathsf{NaO}_9\mathsf{S}$

Molecular Weight: 436.37

4°C, sealed storage, away from moisture and light Storage:

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

Chemical Structure:

ANALYTICAL DATA

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

Purity (LCMS): 98.30%

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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