

688540 **Lot: 816468**
Semduramicin sodium

Concentration	100 µg/ml	Expanded Uncertainty	5.0 µg/ml
Solvent	Acetonitrile	Expiry Date	01 Feb 2024
Formula	C ₄₅ H ₇₅ NaO ₁₆	Store at	-20°C (in the dark)
Mol. Weight	895.06 g/mol		
CAS-No.	119068-77-8		

Certified on 31 Jan 2023



by Philipp Schwarzenberger

For the calculation of the concentration, the purity of the compound has already been considered.

Instructions for use: Our standards are for laboratory use only and can be used as reference material for calibration of chromatographic systems or related analytical techniques. For handling instructions see the MSDS. Please mix the solution before usage. If particles or precipitation are detected, sonify until solved. The material is homogenous. There is no minimum sample specified. The material in the vial can be used multiple times, but it is strongly recommended, that all external negative influences for the material are considered and ruled out (e.g. high temperatures, UV-radiation, moisture, oxygen) and that the weight of the bottle between all uses are noted to remain constant to exclude concentration deviations. It is strongly recommended to open the vial at room temperature only and handle the material under inert gas if necessary. The integrity of the purity cannot be guaranteed, if the substance is handled under unfavorable conditions.

The reported uncertainty U is an expanded uncertainty according to EURACHEM / CITAC guide CG4 – Quantifying Uncertainty in Analytical Measurement. The Uncertainty is based on the combined uncertainties, including uncertainties of characterization and stability testing. The expiry date is based on the current knowledge and holds only for proper storage conditions in the originally closed flask. If the substance is proven to be unstable under the given storage conditions, you will be contacted immediately. The warranty of this product is limited to the purchasing price of this product and to the first point of use.

Traceability:

Analyte calculated from	Semduramicin sodium
Lot	804441 neat product used for the preparation of the solution
Purity (neat)	92.40 % (g/g)

The balances used are calibrated with weights traceable to the national standards (DKD).

The HPC Standards GmbH, accredited by DAkkS as indicated by the accreditation number D-RM-20844-01-00, has shown competence based on ISO 17034:2017 for production of certified reference materials.

Version 1

Version	Article	Lot	Reason for Change	Date
1	688540	816468	Initial Version	31 Jan 2023