



AMINO PEPTIDES

PRODUCT SPECIFICATION SHEET

Note: *This document details the theoretical chemical properties and target specifications of this research compound. For batch-specific, independent laboratory test results, please refer to the independent Certificate of Analysis (C.O.A.) provided on our product page.*

1. Product Identification

Product Name: Bacteriostatic Reconstitution Solution (0.9% Benzyl Alcohol)

Synonyms: Bac Water, Bacteriostatic Water

CAS Number: 7732-18-5 (Water); 100-51-6 (Benzyl Alcohol)

PubChem CID: 962 (Water); 244 (Benzyl Alcohol)

2. Chemical Properties

Amino Acid Sequence: N/A (Non-peptide diluent)

Molecular Formula: H₂O + C₇H₈O

Theoretical Molecular Weight: 18.02 (Water) / 108.14 (Benzyl Alcohol) Da

Form: Sterile liquid

Appearance: Clear, colourless

3. Target Specifications

Target Purity (HPLC): 0.9% v/v Benzyl Alcohol (>= 99.0% purity)

Target Identity (MS): Expected MW 108.14 Da (± standard analytical tolerance)

Expected Peptide Content: N/A (Diluent)

4. Storage and Handling Guidelines

Storage (Lyophilised): N/A (Supplied as a sterile liquid)

Storage (Reconstituted): Store at 20°C to 25°C for up to 28 days after first use. Do not freeze.

Usage: For laboratory research and in-vitro use only. Not for human or veterinary use.