

# Certificate of Analysis

## Oxytocin

February 3 2026

### Product Specifications

|                   |                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------|
| Product Name      | Oxytocin                                                                                                     |
| CAS Number        | 50-56-6                                                                                                      |
| PubChem CID       | 439302                                                                                                       |
| Molecular Formula | C43H66N12O12S2                                                                                               |
| Molecular Weight  | 1007.2 g/mol                                                                                                 |
| Storage           | Powder: -20°C 3 years; 4°C 2 years; 15°C 3 months. In solvent:<br>-80°C 6 months; -20°C 1 month; 10°C 1 week |

### Test Results

| Test          | Specification                         | Result   |
|---------------|---------------------------------------|----------|
| Appearance    | White to off-white lyophilised powder | Conforms |
| Purity (HPLC) | ≥ 99%                                 | 99.2%    |
| Content       | Reported                              | 5.06 mg  |

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