EMC PEPTIDES

EXAMPLE / TEMPLATE

NOT A LAB-ISSUED CERTIFICATE

# Certificate of Analysis

**ILLUSTRATIVE DATA ONLY - DO NOT USE AS PROOF OF TESTING**

## Sample identification

MATERIAL
**Demo Research Peptide P-01**

LOT / BATCH
**DEMO-EMC-001**

SAMPLE TYPE
**Lyophilized powder (illustrative)**

ANALYSIS DATE
**03 Nov 2026 (example)**

DOCUMENT ID
**EMC-COA-SAMPLE-001**

LABORATORY
**No laboratory - demonstration only**

SAMPLE ONLY

### HPLC PURITY (ILLUSTRATIVE)

**99.2%**

Sample value - not a measured result
Example criterion: >= 98.0%

## Illustrative analytical panel

| ANALYSIS | METHOD | EXAMPLE RESULT | EXAMPLE CRITERION |
|---|---|---|---|
| **Purity** | RP-HPLC / UV | 99.2% | >= 98.0% |
| **Identity** | LC-MS | Illustrative match | Reference match |
| **Water content** | Karl Fischer | 2.1% | <= 5.0% |
| **Residual solvents** | Headspace GC | < 0.05% | Example: <= 0.5% |
| **Physical appearance** | Visual | White powder | White/off-white |
| **Sterility** | Not performed | Not tested | No claim |
| **Endotoxin** | Not performed | Not tested | No claim |

HPLC purity alone does not establish peptide identity, sterility, endotoxin status or suitability for use.

**SAMPLE DOCUMENT - NOT VALID FOR PRODUCT RELEASE**

No product was sampled or analyzed, and no independent laboratory reviewed this document.
Replace all example values with authenticated laboratory results before publishing a real COA.