



CLIENT & SAMPLE INFORMATION

|              |                   |                |             |
|--------------|-------------------|----------------|-------------|
| Client       | LabFirst Peptides | Certified Date | 10/07/2026  |
| Product Name | Oxytocin          | Strength       | 10 mg       |
| Lot / Batch  | LF-20C-2609       | Condition      | Lyophilized |

This Certificate of Analysis certifies that the sample listed herein was tested for bacterial endotoxin using a kinetic chromogenic LAL assay in accordance with USP <85> Bacterial Endotoxins Test.

TEST METHODOLOGY

|                 |                                       |                |                   |
|-----------------|---------------------------------------|----------------|-------------------|
| Test Performed  | Quantitative Bacterial Endotoxin Test | Compendial Ref | USP <85>          |
| Assay Type      | Kinetic Turbidimetric                 | Detection λ    | 660 nm            |
| Detection Range | 0.01 - 1.0 EU/mL                      | Endotoxin Std  | E. coli O111:B4   |
| Dilution Vol    | 2.0 mL                                | Matrix         | LAL Reagent Water |

QUANTITATIVE RESULTS

| Parameter           | Result       |
|---------------------|--------------|
| Endotoxin Level     | < 0.06 EU/mL |
| Acceptance Limit    | ≤ 0.5 EU/mL  |
| Sample CV (%)       | 4.9%         |
| Spike CV (%)        | 4.0%         |
| Spike Recovery (%)  | 99%          |
| Final Determination | PASS         |

CONTROLS

| Control          | Expected   | Observed    | Status |
|------------------|------------|-------------|--------|
| Positive Control | Detectable | As expected | Pass   |
| Negative Control | No signal  | As expected | Pass   |

INTERPRETATION

Endotoxin content was quantitatively determined using a kinetic chromogenic LAL assay in accordance with USP <85>. Result reported as below quantitation threshold. The measured endotoxin level meets the specified acceptance criteria. The sample passes the endotoxin limit test.

AUTHORIZATION

REVIEWED BY  
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Lab Director

