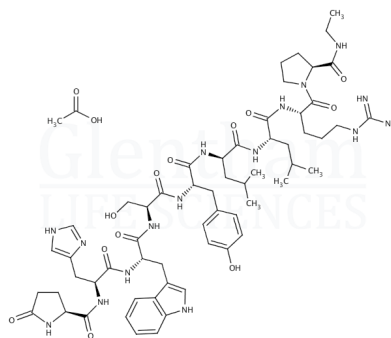


Certificate of Analysis

| | |
|-------------------|---|
| Product Name | Leuprolide acetate |
| Glentham Code | GP2433 |
| CAS Number | 74381-53-6 |
| MDL Number | MFCD00167544 |
| PubChem SID | 310275771 |
| Batch Number | 198QUX |
| Molecular Weight | 1209.40 (base) |
| Molecular Formula | $C_{59}H_{84}N_{16}O_{12} \cdot xC_2H_4O_2$ |
| Storage Temp. | -20°C |



| Property | Specification | Batch 198QUX |
|--------------------------|--|----------------------------|
| Physical Description | White to almost white powder | White powder |
| Solubility (1% in water) | Clear, colourless solution | Clear, colourless solution |
| Acetic Acid | ≤ 10.0% | 7.3% |
| Water | ≤ 8.0% | 4.5% |
| Assay | 97.0 - 103.0 % (anhydrous, acetic acid free basis) | 99.7% |

| | |
|-----------------------|------------|
| Specification Version | v1.0 |
| Manufacture Date | 2020-04-30 |
| Re-Test Date | 2029-02-16 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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