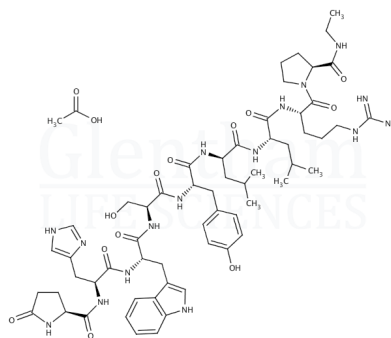


Certificate of Analysis

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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