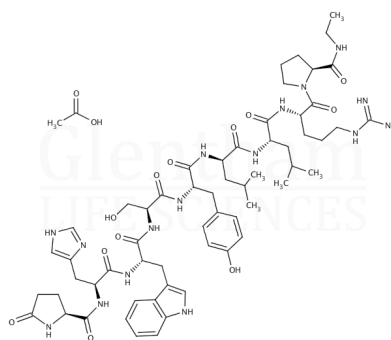


## Certificate of Analysis

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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