

## Certificate Of Analysis

**Name:** Degarelix acetate  
**CAS No.:** 214766-78-6  
**Cat No.:** A900871  
**Molecular Formula:** C<sub>82</sub>H<sub>103</sub>ClN<sub>18</sub>O<sub>16</sub>  
**Molecular Weight:** 1632.26  
**Batch No.:** D26072021  
**Mfg.Date:** 2021.07.26  
**Exp.Date:** 2023.07.25

Items	Specifications	Results
<b>Appearance</b>	White or off-white powder	White powder
<b>Solubility</b>	Soluble in water and 1% acetate acid	Conforms
<b>HPLC</b>	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	Conforms
<b>MS</b>	1632.3±1.0	1632.1
<b>Related Substances</b>	Unspecified impurity for each impurity: NMT1.0%	0.44%(single largest impurity)
<b>Purity(HPLC)</b>	98%(min)	99.3%
<b>Acetic acid</b>	NMT 6.8%	5.4%
<b>Water</b>	NMT 7.0%	3.1%
<b>Bacterial endotoxins</b>	Less than 5IU/mg	Conforms
<b>Peptide content(N%)</b>	NLT 80%	90.4%
<b>Assay</b>	97.0%-103.0% (anhydrous and acetic acid free substance)	98.8%
<b>Residual solvent Methanol</b>	NMT 3000ppm	Conforms

<b>Acetonitrile Triethylamine</b>	NMT 410 ppm NMT 320 ppm	
<b>Conclusion</b>	The product tested complies with the specifications.	

**Storage condition: Store in a tightly closed container in a cool and dry place.**

Checker:

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\*If you have any comments and suggestions, please contact us by [sales@amadischem.com](mailto:sales@amadischem.com)

\*For laboratory or manufacturing use only, not for drug, food and household use.