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## *Product Specifications*

**Product Name:** **Leuprorelin Acetate**  
**CAS No.:** 53714-56-0  
**Sequence:** **His-Trp-Ser-Tyr-D-Leu-Arg-Pro-NHEt**

**Mol. Formula** **C<sub>59</sub>H<sub>84</sub>N<sub>16</sub>O<sub>12</sub>** **Mol. Wt.** 1209.43

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<i>Test</i>	<i>Specification</i>
<b>Appearance</b>	White powder
<b>Sp. Rot. , <math>[\alpha]_D</math></b>	- 38.0° ~ - 42.0° (c=1, 1%HOAc)
<b>Purity (HPLC)</b>	> 98%
<b>Single Impurity (by HPLC)</b>	< 1.0%
<b>Acetate Content (HPLC)</b>	< 12.0%
<b>Peptide Content (by %N)</b>	80%
<b>Amino Acid Composition</b>	±10% of theoretical
<b>Bacterial Endotoxins</b>	< 5 EU/mg
<b>Water Content (K-F)</b>	< 5%

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*Storage:* Maintain in dry, cold (2-8 °C) containment.