

## **CERTIFICATE OF ANALYSIS**

The Power to Question

Catalog Number: sc-391254 Lot Number: SAMPLE

Product Name: Triptorelin Acetate
CAS Number: 140194-24-7

Molecular Formula:  $C_{64}H_{82}N_{18}O_{13} \cdot C_2H_4O_2$ 

Molecular Weight: 1371.52

| Test               | Specification                       | Result   |
|--------------------|-------------------------------------|----------|
| Appearance         | White powder                        | Complies |
| Purity (HPLC)      | 95.0 - 105.0 %                      | 98.5 %   |
| Solubility         | Soluble in water or 1 % acetic acid | Complies |
| Specific Rotation  | -65.0 to -75.0°                     | -69.1°   |
| Related Substances | < 2.0 %                             | 0.8 %    |
| Water Content (KF) | ≤ 5.0 %                             | 2.0 %    |

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