

## Certificate of Analysis

Date of Testing: 2024-09-12 13:44:21  
Date of Next Testing: 2026-09-12 13:44:21  
Product Name: **D(-)-Norgestrel**  
CAS Number: 797-63-7  
Specifications & Purity:  $\geq 99\%$   
Lot #: D1909143  
SKU #: **D129210**  
Version: **1**  
Analysis #: **406964**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter   | Limit Values                   | Result                       |
|---|--------------------------------|------------------------------|
| Melting point   | 234-238 ( $^{\circ}\text{C}$ ) | 235.00000 $^{\circ}\text{C}$ |
| Specific Rotation $[\alpha]_{20}^{\text{D}}(c=1 \text{ in CHCL}_3)$ | -34--31 ( $^{\circ}$ )         | -33.69 $^{\circ}$            |
| Purity(HPLC)  | 98-100 (%)                     | 100.00000 %                  |
| NMR Spectrum 1H   | Conforms to Structure          | Conforms to Structure        |



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QA & QC Manager