

Certificate of Analysis

Date of Testing: 2022-01-21 09:38:32
Date of Next Testing: 2024-01-21 09:38:32
Product Name: **Desogestrel**
CAS Number: 54024-22-5
Specifications & Purity: $\geq 98.0\%$ (HPLC)
Lot #: A2214451
SKU #: **D133481**
Analysis: **059141**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.70500 %
Melting point	110-114 (°C)	112.15000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	53-57 (°)	56.65°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager