

Certificate of Analysis

Date of Testing: 2024-08-27 15:17:00
Date of Next Testing: 2026-08-27 15:17:00
Product Name: **Desogestrel**
CAS Number: 54024-22-5
Specifications & Purity: $\geq 98.0\%$ (HPLC)
Lot #: D1718100
SKU #: **D133481**
Version: **1**
Analysis #: **398673**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	100.00000 %
Melting point	110-114 (°C)	112.00000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	53-57 (°)	56.71 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(D133481)	White to Almost white powder to crystal	White to Almost white powder to crystal



John Su
QA & QC Manager