

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-21 09:26:30

Date of Next Testing: 2024-01-21 09:26:30

Product Name: **Desogestrel**

CAS Number: 54024-22-5

Specifications & Purity: $\geq 98.0\%$ (HPLC)

Lot #: A2214448

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