

Certificate of Analysis

Date of Testing: 2024-10-10 12:04:55
Date of Next Testing: 2026-10-10 12:04:55
Product Name: **Simvastatin**
CAS Number: 79902-63-9
Specifications & Purity: $\geq 97\%$ (HPLC)
Lot #: J2408658
SKU #: **S129538**
Version: **0**
Analysis #: **410391**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.18800 %
Melting point	132-137 (°C)	133.34000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CH}_3\text{CN})$	285-300 (°)	298.84 °
Appearance (S129538)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager