

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-10 13:58:11
Date of Next Testing: 2026-10-10 13:58:11
Product Name: **Simvastatin**
CAS Number: 79902-63-9
Specifications & Purity: $\geq 97\%$ (HPLC)
Lot #: J2408670
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