

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-12 11:47:54
Date of Next Testing: 2029-11-11 11:47:54
Product Name: **Menadione**
CAS Number: 58-27-5
Specifications & Purity: $\geq 98\%$
Lot #: J2530528
SKU #: **M104154**
Version: **0**
Analysis #: **389386**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|--|--|--|
| Purity(HPLC) | 98-100 (%) | 99.67000 % |
| Melting point | 105-108 (°C) | 107.85000 °C |
| Water by Karl Fischer | 0-0.5 (%) | 0.08 % |
| Sulfate Ash | 0-0.5 (%) | 0.00 % |
| Carbon by Elemental Analysis | 75.2-78.3 (%) | 76.90 % |
| Appearance (M104154) | Light Yellow to Yellow and Yellow-Green Powder | Light Yellow to Yellow and Yellow-Green Powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in CHCL ₃ , Colorless to Yellow-Green,Clear to Hazy,100mg/ml | pass | Pass |



John Su
QA & QC Manager