

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-26 15:49:02

Date of Next Testing: 2027-12-25 15:49:02

Product Name: **Menadione**

CAS Number: 58-27-5

Specifications & Purity: 98%

Lot #: L2325072

SKU #: **M104154****Analysis: 293080**

Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|--|--|--|
| Melting point | 105-108 (°C) | 107.88000 °C |
| Water by Karl Fischer | 0-0.5 (%) | 0.31 % |
| Sulfate Ash | 0-0.5 (%) | 0.20 % |
| Carbon by Elemental Analysis | 75.2-78.3 (%) | 76.30 % |
| Purity(HPLC) | 98-100 (%) | 99.59900 % |
| Appearance (M104154) | Light Yellow to Yellow and Yellow-Green Powder | Light Yellow to Yellow and Yellow-Green Powder |
| Solubility in CHCL3 , Colorless to Yellow-Green,Clear to Hazy,100mg/ml | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |

John Su
QA & QC Manager