

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-12 10:17:02

Date of Next Testing: 2025-02-11 10:17:02

Product Name: **Phenanthrene**

CAS Number: 85-01-8

Specifications & Purity: 97%

Lot #: B2308468

SKU #: **P109245****Analysis: 101647**

Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|------------------------|---|---|
| Purity(GC) | 97-100 (%) | 99.08 % |
| Melting point | 98-102 (°C) | 101.11000 °C |
| Appearance (P109245) | White to Light Beige Powder or Crystals or Flakes | White to Light Beige Powder or Crystals or Flakes |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in hot EtOH | almost transparency | almost transparency |

John Su
QA & QC Manager