

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-11-25 17:32:22

Date of Next Testing: 2027-11-25 17:32:22

Product Name: **Phenanthrene**

CAS Number: 85-01-8

Specifications & Purity:  $\geq 97\%$ 

Lot #: K2520448

SKU #: **P109245**

Version: **0**

Analysis #: **600950**

Storage Temperature: Argon charged

| Parameter              | Limit Values                                      | Result                                            |
|------------------------|---------------------------------------------------|---------------------------------------------------|
| Purity(GC)             | 97-100 (%)                                        | 98.71%                                            |
| Melting point          | 98-102 (°C)                                       | 101.10000 °C                                      |
| Appearance (P109245)   | White to Light Beige Powder or Crystals or Flakes | White to Light Beige Powder or Crystals or Flakes |
| Solubility in hot EtOH | almost transparency                               | almost transparency                               |
| Infrared spectrum      | Conforms to Structure                             | Conforms to Structure                             |



John Su  
QA & QC Manager