

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-27 18:38:54

Date of Next Testing: 2029-05-26 18:38:54

Product Name: **Acenaphthene**

CAS Number: 83-32-9

Specifications & Purity:  $\geq 98\%$

Lot #: E2516126

SKU #: **A105207**

Version: **0**

Analysis #: **505110**

Storage Temperature: Room temperature

| Parameter                                                                    | Limit Values                                                       | Result                                                             |
|------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|
| Purity(GC)                                                                   | 98-100 (%)                                                         | 98.97600 %                                                         |
| Melting point                                                                | 93-96 (°C)                                                         | 93.68000 °C                                                        |
| Appearance (A105207)                                                         | White to off-white to Faint Yellow<br>Powder, Crystals or Granules | White to off-white to Faint Yellow<br>Powder, Crystals or Granules |
| Solubility in CHCL <sub>3</sub> , colorless to faint yellow, Clear, 50 mg/mL | pass                                                               | Pass                                                               |
| Infrared spectrum                                                            | Conforms to Structure                                              | Conforms to Structure                                              |



John Su  
QA & QC Manager