

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2023-02-28 11:49:02  
Date of Next Testing: 2027-02-27 11:49:02  
Product Name: **2,5-Diphenyloxazole**  
CAS Number: 92-71-7  
Specifications & Purity: 99%,for scintillation  
Lot #: B2318754  
SKU #: **D100606**  
Analysis: **132957**

| Parameter                                                        | Limit Values          | Result                |
|------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                                     | 99-100 (%)            | 99.74100 %            |
| Nitrogen by Elemental Analysis                                   | 6-6.6 (%)             | 6.33100 %             |
| Carbon by Elemental Analysis                                     | 80.2-82.7 (%)         | 81.24300 %            |
| Melting point                                                    | 71-74 (°C)            | 72.01000 °C           |
| Appearance (d100606)                                             | white powder          | White powder          |
| Solubility in Toluene , Colorless to Light Yellow,Clear,100mg/ml | pass                  | Pass                  |
| Infrared spectrum                                                | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager