

## 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 (%)	6.33%
Carbon by Elemental Analysis	80.2-82.7 (%)	81.24%
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