

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-28 11:45:35

Date of Next Testing: 2027-02-27 11:45:35

Product Name: **2,5-Diphenyloxazole (DPO)**

CAS Number: 92-71-7

Specifications & Purity: Scintillation Pure, ≥99%

Lot #: B2318617

SKU #: **D100606**

Version: **1**

Analysis #: **132957**

Storage Temperature: Room temperature

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