

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-15 09:27:48

Date of Next Testing: 2026-03-14 09:27:48

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

CAS Number: 92-71-7

Specifications & Purity: Scintillation Pure, ≥99%

Lot #: C2211243

SKU #: **D100606**

Version: **1**

Analysis #: **062318**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.57800 %
Carbon by Elemental Analysis	80.2-82.7 (%)	80.79000 %
Melting point	71-74 (°C)	72.65000 °C
Nitrogen by Elemental Analysis	6-6.6 (%)	6.01000 %
Appearance (d100606)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Toluene , Colorless to Light Yellow,Clear,100mg/ml	pass	Pass



John Su
QA & QC Manager