

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-27 16:31:16
 Date of Next Testing: 2028-09-26 16:31:16
 Product Name: **2,5-Diphenyloxazole (DPO)**
 CAS Number: 92-71-7
 Specifications & Purity: Scintillation Pure, ≥99%
 Lot #: I2423135
 SKU # **D100606**
 Version **1**
 Analysis #: **407078**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.76000 %
Nitrogen by Elemental Analysis	6-6.6 (%)	6.34400 %
Carbon by Elemental Analysis	80.2-82.7 (%)	81.22900 %
Melting point	71-74 (°C)	73.11000 °C
Solubility in Toluene , Colorless to Light Yellow,Clear,100mg/ml	pass	Pass
Appearance (d100606)	White to off-white Solid	White to off-white solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager