

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-09 14:47:40

Date of Next Testing: 2028-07-08 14:47:40

Product Name: **Diphenyl sulfoxide**

CAS Number: 945-51-7

Specifications & Purity: $\geq 99\%$

Lot #: F2427489

SKU #: **D109422**

Version: **1**

Analysis #: **367576**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.14000 %
Melting point	69-72 (°C)	71.87000 °C
Water by Karl Fischer	0-0.3 (%)	0.01400 %
Appearance (D109422)	White to Yellow to Tan Powder, Crystals or Flakes	White to Yellow to Tan Powder, Crystals or Flakes
Solubility in MeOH	almost transparency	almost transparency
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager