

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-09 15:48:17
 Date of Next Testing: 2026-12-08 15:48:17
 Product Name: **7,12-Dimethylbenz[a]anthracene**
 CAS Number: 57-97-6
 Specifications & Purity: $\geq 95\%$
 Lot #: L2205129
 SKU #: **D113432**
 Version: **0**
 Analysis #: **141647**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	120-124 (°C)	121.40000 °C
Purity(GC)	95-100 (%)	98.70000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (D113432)	Yellow to Green to Light Orange to Orange Powder or Crystals	Yellow to Green to Light Orange to Orange Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Toluene , Yellow to Dark Yellow-Green, Clear to Hazy, 50mg/ml	pass	Pass



John Su
QA & QC Manager