

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-17 15:58:52  
Date of Next Testing: 2028-01-16 15:58:52  
Product Name: **4-Hydroxycarbazole**  
CAS Number: 52602-39-8  
Specifications & Purity:  $\geq 95.0\%$   
Lot #: A2415386  
SKU #: **H123286**  
**Analysis:** **298990**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Melting point	167-171 ( $^{\circ}\text{C}$ )	167.25000 $^{\circ}\text{C}$
Purity(HPLC)	95-100 (%)	99.03900 %
Appearance (H123286)	Beige to Brown Powder or Crystal or Chunks	Beige to Brown Powder or Crystal or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager