

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-10 11:34:01  
Date of Next Testing: 2025-06-29 11:34:01  
Product Name: **4-(Dicyanomethylene)-2-methyl-6-(4-dimethylaminostyryl)-4H-pyran**  
CAS Number: 51325-91-8  
Specifications & Purity: 95%  
Lot #: J2114278  
SKU #: **D121603**  
**Analysis: 249193**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Oxygen	4.5-5.8 (%)	4.68 %
Carbon by Elemental Analysis	71-75.7 (%)	75.66 %
Extinction Coefficient(C=0.01 G/L EtOH)(465 - 471 nm)	≥39000	46597.93
Melting point	217-223 (°C)	222.92000 °C
Purity(HPLC)	95-100 (%)	96.17700 %
Nitrogen by Elemental Analysis	12.6-14.3 (%)	13.91 %
Appearance (D121603)	Dark Red to Purple Powder or Crystals	Dark Red to Purple Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager