

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-10 10:40:57  
Date of Next Testing: 2025-05-09 10:40:57  
Product Name: **9-(2-Carboxy-2-cyanovinyl)julolidine**  
CAS Number: 142978-18-5  
Specifications & Purity:  $\geq 97.0\%$  (HPLC), Used for fluorescence analysis  
Lot #: J1529019  
SKU #: **C131104**  
**Analysis:** **220697**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Emission maximum	495-505 (nm)	500.00 nm
Purity(HPLC)	97-100 (%)	98.88000 %
Appearance (C131104)	Red to Very Dark Red Crystals or Powder	Red to Very Dark Red Crystals or Powder
Luminescent test	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager