

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-22 14:56:09  
 Date of Next Testing: 2027-08-22 14:56:09  
 Product Name: **N-Ethylcarbazole-3-carboxaldehyde**  
 CAS Number: 7570-45-8  
 Specifications & Purity:  $\geq 98\%$ (GC)  
 Lot #: K2313005  
 SKU #: **I136773**  
 Version: **1**  
 Analysis #: **558147**  
 Storage Temperature: Store at 2-8°C

| Parameter             | Limit Values                                       | Result                                             |
|-----------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(GC)            | 98-100 (%)                                         | 99.23000 %                                         |
| Melting point         | 88-91 (°C)                                         | 89.68000 °C                                        |
| Appearance (I136773)  | White to Yellow, Green to Brown Powder or Crystals | White to Yellow, Green to Brown Powder or Crystals |
| Solubility in Toluene | almost transparency                                | almost transparency                                |
| NMR Spectrum 1H       | Conforms to Structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager