

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-01 14:16:38  
 Date of Next Testing: 2027-07-31 14:16:38  
 Product Name: **8-Hydroxyjulolidine-9-carboxaldehyde**  
 CAS Number: 63149-33-7  
 Specifications & Purity:  $\geq 96\%$ (GC)  
 Lot #: G2321107  
 SKU #: **H156880**  
 Version: **0**  
 Analysis #: **141368**  
 Storage Temperature: Argon charged

| Parameter            | Limit Values                             | Result                                   |
|----------------------|------------------------------------------|------------------------------------------|
| Melting point        | 70-74 (°C)                               | 73.84000 °C                              |
| Purity(GC)           | 96-100 (%)                               | 99.59 %                                  |
| Appearance (H156880) | yellow to tan to green powder or crystal | yellow to tan to green powder or crystal |
| Proton NMR spectrum  | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager