

## Certificate of Analysis

Date of Testing: 2022-09-16 18:41:52  
Date of Next Testing: 2026-09-15 18:41:52  
Product Name: **Allura Red AC**  
CAS Number: 25956-17-6  
Specifications & Purity: 85%  
Lot #: I2209117  
SKU #: **A107364**  
Version: **0**  
Analysis #: **116091**

| Parameter                                                    | Limit Values          | Result                |
|--------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                                 | 85-100 (%)            | 98.25700 %            |
| $\lambda$ max.(0.02 mol/L Ammonium acetate Solution)         | 497-501 (nm)          | 497.00 nm             |
| Absorbance(E1%1cm)(0.02mol/L AcONH4 sol., 497.0 to 501.0 nm) | $\geq 400$            | 476.32                |
| Appearance (A107364)                                         | Red to maroon powder  | Red to maroon powder  |
| Infrared spectrum                                            | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager