

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-25 13:56:02

Date of Next Testing: 2029-08-24 13:56:02

Product Name: **Sunset Yellow FCF**

CAS Number: 2783-94-0

Specifications & Purity:  $\geq 87\%$

Lot #: A1802042

SKU #: **S109563**

Version: **0**

**Analysis #:** **559053**

Storage Temperature: Room temperature

| Parameter                            | Limit Values          | Result                |
|--------------------------------------|-----------------------|-----------------------|
| Insoluble matter in H <sub>2</sub> O | 0-0.2 (%)             | 0.02000 %             |
| Loss on drying                       | 0-13 (%)              | 4.88000 %             |
| Sodium sulfanilate                   | 0-0.2 (%)             | 0.01000 %             |
| Mercury(Hg)                          | 0-1 (ppm)             | 0.20000 ppm           |
| Cadmium(Cd)                          | 0-1 (ppm)             | 0.30000 ppm           |
| (Pb)Lead                             | 0-10 (ppm)            | 0.01000 ppm           |
| Dye content(HPLC)                    | 87-100 (%)            | 87.00000 %            |
| (As)Arsenic                          | 0-1 (ppm)             | 0.30000 ppm           |
| Appearance (S109563)                 | Orange to Red powder  | Orange to Red powder  |
| Proton NMR spectrum                  | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager