

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-03 16:12:58

Date of Next Testing: 2029-11-02 16:12:58

Product Name: **Sunset Yellow FCF**

CAS Number: 2783-94-0

Specifications & Purity: $\geq 87\%$

Lot #: A2224237

SKU #: **S109563**

Version: **0**

Analysis #: **597613**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.2 (%)	0.00000 %
Loss on drying	0-13 (%)	3.21200 %
Sodium sulfanilate	0-0.2 (%)	0.02300 %
Mercury(Hg)	0-1 (ppm)	0.50000 ppm
Cadmium(Cd)	0-1 (ppm)	0.10100 ppm
(Pb)Lead	0-10 (ppm)	1.69000 ppm
Dye content(HPLC)	87-100 (%)	93.77000 %
(As)Arsenic	0-1 (ppm)	0.00000 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