

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-06 10:35:59
 Date of Next Testing: 2027-01-05 10:35:59
 Product Name: **Sunset Yellow FCF**
 CAS Number: 2783-94-0
 Specifications & Purity: $\geq 87\%$
 Lot #: L2214377
 SKU #: **S109563**
 Version: **0**
 Analysis #: **150913**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.2 (%)	0.00000 %
Loss on drying	0-13 (%)	3.63889 %
Sodium sulfanilate	0-0.2 (%)	0.10000 %
Mercury(Hg)	0-1 (ppm)	0.00000 ppm
Cadmium(Cd)	0-1 (ppm)	0.00000 ppm
(Pb)Lead	0-10 (ppm)	0.00000 ppm
Dye content(HPLC)	87-100 (%)	97.53200 %
(As)Arsenic	0-1 (ppm)	0.71530 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