

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-05 14:07:27

Date of Next Testing: 2027-09-04 14:07:27

Product Name: **Crocein Orange G**

CAS Number: 1934-20-9

Specifications & Purity: $\geq 70\%$

Lot #: K1919049

SKU #: **C110109**

Version: **0**

Analysis #: **271603**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Dye Content	70-100 (%)	96.55140 %
Absorbance(E1%1cm)(H ₂ O, 481.0 ~ 485.0 nm)	≥ 450	503.05000
λ max	481-485 (nm)	483.00000 nm
Appearance (C110109)	Orange to Dark-red Powder	Orange to Dark-red Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager