

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-25 10:45:44

Date of Next Testing: 2027-04-24 10:45:44

Product Name: **Orange II sodium salt**

CAS Number: 633-96-5

Specifications & Purity: Dye content > 85%

Lot #: D2323014

SKU #: **O113230**

Version: **0**

Analysis #: **135940**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Extinction Coefficient(Wavelength 480 - 486 nm)	≥17000	20031.11790
Nitrogen	6.8-9.2 (%)	6.85200 %
Extinction Coefficient(Wavelength 225 - 231 nm)	≥26500	29777.20000
Extinction Coefficient(Wavelength 307 - 313 nm)	≥7500	8533.43590
Carbon	46.6-63.1 (%)	47.67500 %
Dye Content	85-100 (%)	99.73100 %
Appearance (O113230Color)	Orange to Brown to Dark Red	Orange to Brown to Dark Red
Appearance (O113230Form)	Powder to crystal	Powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager