

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-29 16:03:45

Date of Next Testing: 2028-04-28 16:03:45

Product Name: **Orange II sodium salt**

CAS Number: 633-96-5

Specifications & Purity: Certified by the Biological Stain Commission), Dye content ≥ 85 %

Lot #: D2511046

SKU #: **O755676**

Version: **1**

Analysis #: **505131**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Extinction Coefficient(c=0.01 g/l,H ₂ O,480-486nm)	≥17000	20031.11790
Extinction Coefficient(c=0.01 g/l,H ₂ O,307-313nm)	≥7500	8533.43590
Extinction Coefficient(c=0.01 g/l,H ₂ O,225-231nm)	≥26500	29777.20000
Dye Content	85-100 (%)	99.73100 %
Carbon by Elemental Analysis	46.6-63.1 (%)	47.67500 %
Nitrogen by Elemental Analysis	6.8-9.2 (%)	6.85200 %
Appearance(O755676)	Powder	Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager