

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-05 13:47:17
Date of Next Testing: 2028-11-04 13:47:17
Product Name: **Auramine O**
CAS Number: 2465-27-2
Specifications & Purity: Biological stain
Lot #: A2120150
SKU #: **A108751**
Version: **1**
Analysis #: **430722**
Storage Temperature: Protected from light, Store at -20°C, Argon charged, Desiccated

Parameter	Limit Values	Result
429 - 435 nm (c = 0.005 - 0.006 g/l; Water)	≥36000	36001.00
367 - 373 nm (c = 0.005 - 0.006 g/l; Water)	≥15000	15000.00
Dye Content	80-100 (%)	80.20 %
Extinction Coefficient(249 - 255 nm c = 0.005 - 0.006 g/l; Water)	≥12000	12004.00
Carbon by Elemental Analysis	52.1-87.4 (%)	75.40 %
Nitrogen by Elemental Analysis	10.7-18 (%)	13.78 %
Purity(HPLC area)	80-100 (%)	83.62 %
Appearance (A108751)	yellow to gold-green powder or crystals	yellow to gold-green powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager