

Certificate of Analysis

Date of Testing: 2023-06-05 15:19:46
Date of Next Testing: 2027-06-04 15:19:46
Product Name: **Auramine O**
CAS Number: 2465-27-2
Specifications & Purity: Biological stain
Lot #: H1519025
SKU #: **A108751**
Analysis: **234527**
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	15001.00
Dye Content	80-100 (%)	81.00 %
Extinction Coefficient(249 - 255 nm c = 0.005 - 0.006 g/l; Water)	≥12000	12001.00
Carbon by Elemental Analysis	52.1-87.4 (%)	64.00 %
Nitrogen by Elemental Analysis	10.7-18 (%)	12.40 %
Purity(HPLC area)	80-100 (%)	82.50 %
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