

Certificate of Analysis

Date of Testing: 2023-05-18 11:15:17
Date of Next Testing: 2027-05-17 11:15:17
Product Name: **Acriflavine hydrochloride**
CAS Number: 8063-24-9
Specifications & Purity: Biological stain
Lot #: E2311040
SKU #: **A113289**
Analysis: **072355**

Parameter	Limit Values	Result
Water by Karl Fischer	0-13 (%)	4.86 %
Acriflavine HCL content	10-50 (%)	45.86 %
Proflavine HCL	25-70 (%)	49.82 %
Solubility, Orange to Brown, Clear, 1 mg/mL, H ₂ O	pass	Pass
Appearance (A113289)	Faint Brown to Brown and Orange to Dark Orange and Red to Very Dark Red powder	Faint Brown to Brown and Orange to Dark Orange and Red to Very Dark Red powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager