

## Certificate of Analysis

Date of Testing: 2024-06-19 15:48:22  
Date of Next Testing: 2028-06-18 15:48:22  
Product Name: **Xanthene-9-carboxylic acid**  
CAS Number: 82-07-5  
Specifications & Purity: 98%  
Lot #: 11207055  
SKU #: **X113959**  
Version: **1**  
Analysis #: **372192**

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-100 (%)	98.98 %
Melting point	210-217 (°C)	213.98000 °C
Appearance (X113959)	White to Light Yellow to Dark Cream to Brown to Gray Crystals or Powder or Powder with Chunk(s) or Crystalline Powder or Lumps or Fused Solid	White to Light Yellow to Dark Cream to Brown to Gray Crystals or Powder or Powder with Chunk(s) or Crystalline Powder or Lumps or Fused Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager