

## Certificate of Analysis

Date of Testing: 2022-07-12 16:14:52  
Date of Next Testing: 2025-07-11 16:14:52  
Product Name: **3-Bromophenanthrene-9,10-dione**  
CAS Number: 13292-05-2  
Specifications & Purity: 97%  
Lot #: G2208299  
SKU #: **B302400**  
**Analysis:** **094280**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Melting point	261-268 (°C)	267.93000 °C
Purity(HPLC)	97-100 (%)	97.78900 %
Appearance (B302400Form)	Powder to crystal	Powder to crystal
Appearance (B302400Color)	Pale yellow to brown	Pale yellow to brown
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager