

## Certificate of Analysis

Date of Testing: 2024-09-06 10:01:40  
Date of Next Testing: 2026-08-27 10:01:40  
Product Name: **9,9-Didodecyl-2,7-dibromofluorene**  
CAS Number: 286438-45-7  
Specifications & Purity: 97%  
Lot #: 11217047  
SKU #: **D101975**  
Version: **0**  
Analysis #: **407710**

Parameter	Limit Values	Result
Chlorine(Titration by AgNO <sub>3</sub> , After Oxygen Combustion)	96.5-103.5 (%)	98.04%
Purity(As C)	97-100 (%)	99.10%
Melting point	53-57 (°C)	53.40000 °C
Appearance (D101975)	White to Off-White to yellow Solid, Powder,Crystal	White to Off-White to yellow Solid, Powder,Crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager