

## Certificate of Analysis

Date of Testing: 2024-11-12 16:32:10  
Date of Next Testing: 2026-11-02 16:32:10  
Product Name: **11-Bromoundecanoic acid**  
CAS Number: 2834-05-1  
Specifications & Purity:  $\geq 98\%$   
Lot #: B2304393  
SKU #: **B102365**  
Version: **1**  
Analysis #: **435327**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	48-52 (°C)	51.78600 °C
Purity(Neutralization titration)	97.5-102.5 (%)	98.89 %
Purity(GC)	98-100 (%)	99.03 %
Appearance (B102365)	white to brown crystals or powder	white to brown crystals or powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager