

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-22 09:29:25  
Date of Next Testing: 2025-11-21 09:29:25  
Product Name: **4,4'-Dibromo-9,9'-spirobi[9H-fluorene]**  
CAS Number: 1257321-41-7  
Specifications & Purity: 97%  
Lot #: K2217750  
SKU #: **D404347**  
Analysis: **120914**

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	98.00%
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager