

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-22 09:43:31  
Date of Next Testing: 2026-10-21 09:43:31  
Product Name: **11-Bromo-1-undecene**  
CAS Number: 7766-50-9  
Specifications & Purity: >94.0%(GC)  
Lot #: J2217172  
SKU #: **B151980**  
**Analysis:** **118407**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	94-100 (%)	96.09%
Refractive index n <sub>20</sub> /D	1.465-1.471	1.47
Appearance (B151980)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager