

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-22 13:52:59  
Date of Next Testing: 2026-07-22 13:52:59  
Product Name: (S)-(-)-6,6'-Dibromo-2,2'-bis(methoxymethoxy)-1,1'-binaphthalene  
CAS Number: 211560-97-3  
Specifications & Purity:  $\geq 95.0\%$  (HPLC)  
Lot #: G2415710  
SKU #: S138474  
Version: 0  
Analysis #: 368238

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.66700%
Specific Rotation $[\alpha]_{24}^D(c=1 \text{ in CHCL}_3)$	-23--18 ( $^{\circ}$ )	-20.55 $^{\circ}$
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager