

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-13 15:23:25
Date of Next Testing: 2024-12-12 15:23:25
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 #: L2206172
SKU #: S138474
Analysis: 167924

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	96.12300%
Specific Rotation $[\alpha]_{24}^D(c=1 \text{ in CHCL}_3)$	-23--18 ($^{\circ}$)	-19.02 $^{\circ}$
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager