

Certificate of Analysis

Date of Testing:	2023-08-24 14:19:46
Date of Next Testing:	2027-08-23 14:19:46
Product Name:	(R)-2,2'-Dimethyl-1,1'-binaphthyl
CAS Number:	19634-89-0
Specifications & Purity:	≥95%
Lot #:	H2315120
SKU #	R160868
Version	1
Analysis #:	256693
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	95.69%
Specific rotation $[\alpha]_{20/D(C=0.5, EtOH(95\%))}$	-20~-15 (°)	-17.17100°
Appearance(R160868)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager