

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-12 16:04:50
 Date of Next Testing: 2024-07-01 16:04:50
 Product Name: (R)-(-)-N,N-Dimethyl-1-[(S)-2-(diphenylphosphino)ferro
 CAS Number: 55700-44-2
 Specifications & Purity: $\geq 97\%$
 Lot #: K1827146
 SKU #: R102809
 Version: 2
 Analysis #: 111979
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	2.9-3.4 (%)	3.10000 %
Purity(HPLC)	97-100 (%)	98.03200 %
Carbon by Elemental Analysis	66.5-75 (%)	70.30000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})$	-380--330 (°)	-360.80000 °
Appearance (R102809)	Yellow to Orange to Tan Solid,Powder or Crystals	Yellow to Orange to Tan Solid,Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager