

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: (+)-(S)-N,N-Dimethyl-1-[(R)-1',2-bis(diphenylphosphino)ferro  
Specifications & Purity: 95%  
SKU # S115631

Parameter	Limit Values
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in CHCl}_3)$	-360--330 (°)
Optical purity(ee)	98-100 (%)
Carbon by Elemental Analysis	68.6-77.3 (%)
Purity(GC)	95-100 (%)
Nitrogen by Elemental Analysis	2-2.4 (%)
Melting point	140-144 (°C)
Appearance (S115631)	Yellow to Dark Orange Powder
Infrared spectrum	Conforms to Structure
Proton NMR spectrum	Conforms to Structure