

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: (-)-(R)-N,N-Dimethyl-1-[(S)-1',2-bis(diphenylphosphino)  
Specifications & Purity: 96%  
SKU # R115630

| Parameter  | Limit Values                            |
|--|---|
| Optical purity(ee)   | 98-100 (%)                              |
| Specific Rotation $[\alpha]_{20}^D(c=0.5 \text{ in CHCl}_3)$ | -360--330 (°)                           |
| Melting point  | 138-144 (°C)                            |
| Appearance (R115630)   | Light yellow to Brown powder to crystal |
| Infrared spectrum  | Conforms to Structure                   |
| Purity(HPLC area)  | 96-100 (%)                              |