

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **(S)-(+)-4,12-Bis[di(3,5-xylyl)phosphino]-[2.2]-paracyclophane**  
Specifications & Purity: **97%**  
SKU #: **B121327**

Parameter	Limit Values
Purity(HPLC)	97-100 (%)
Carbon by Elemental Analysis	80.8-86.6 (%)
Specific Rotation $[\alpha]_{20/D}(c=0.1 \text{ in EtOH})$	49-56 (°)
Appearance (B121327)	White to Tan Solid
NMR Spectrum 1H	conforms to structure