

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **(S,S)-(+)-2,3-Bis(t-butylmethylphosphino)quinoxaline**  
Specifications & Purity: **≥98%**  
SKU #: **S281834**

| Parameter  | Limit Values                               |
|--|--|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$ | 50-59 (°)                                  |
| NMR Spectrum 1H  | Conforms to structure                      |
| Purity(HPLC area)  | 98-100 (%)                                 |
| Appearance(S281834)  | White to Yellow to Brown powder to crystal |
| LC-MS for identification                                   | Conforms                                   |