

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **(S)-1-Boc-2-Butyl-Piperazine**
Specifications & Purity: $\geq 97\%$
SKU #: **B728395**

Parameter	Limit Values
NMR Spectrum 1H	Conforms to Structure
LC-MS for identification	Conforms
specific rotation $[\alpha]_{20/D}(C=1, \text{MeOH})$	44.5-48.5 ($^{\circ}$)
Purity(GC)	97-100 (%)