

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

|                          |                                                         |
|--------------------------|---------------------------------------------------------|
| Product Name:            | (8aS)-octahydropyrrolo[1,2-a]piperazine dihydrochloride |
| Specifications & Purity: | ≥97%                                                    |
| SKU #                    | A177001                                                 |

| Parameter                                                       | Limit Values          |
|-----------------------------------------------------------------|-----------------------|
| Appearance(A177001)                                             | White Solid           |
| Proton NMR spectrum                                             | Conforms to structure |
| Purity(NMR)                                                     | 97-100 (%)            |
| Specific rotation [α] <sub>20</sub> /D(c=1.10,H <sub>2</sub> O) | -5.7--4.6 (°)         |