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## Specification Sheet

Product Name: **L-2,4-Diaminobutyric acid hydrochloride**  
Specifications & Purity: **98%**  
SKU #: **D113499**

| Parameter   | Limit Values                          |
|---|---------------------------------------|
| Specific Rotation [α] <sub>20</sub> /D(c=3.6 in H <sub>2</sub> O) | 13-16 (°)                             |
| Sulfate Ash   | 0-0.1 (%)                             |
| Water by Karl Fischer   | 0-2.5 (%)                             |
| Purity(Titration by AgNO <sub>3</sub> )                           | 98-100 (%)                            |
| Purity(HPLC)  | 98-100 (%)                            |
| Appearance (D113499)  | White to Off-White Powder or Crystals |
| Proton NMR spectrum   | Conforms to Structure                 |
| Solubility in H <sub>2</sub> O , very faint turbidity             | pass                                  |

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