

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **L-Dithiothreitol**
Specifications & Purity: 95%
SKU #: **D121076**

| Parameter | Limit Values |
|---|--------------------------|
| Melting point | 48-53 (°C) |
| Specific Rotation $[\alpha]_{20}^D(c=2.5 \text{ in MeOH})$ | 22-28 (°) |
| Solubility, Colorless, clear to lightly hazy (50 mg/ml of H ₂ O) | pass |
| Proton NMR spectrum | Conforms to structure |
| Appearance (D121076) | white crystalline powder |
| Purity (Iodometric Titration) | 94.5-105.5 (%) |