

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **DL-Dithiothreitol**  
Specifications & Purity: for electrophoresis,  $\geq 99\%$   
SKU #: **D104861**

Parameter	Limit Values
Melting point	41-44 (°C)
UV Absorbance 280nm	0-0.04
PH(25 °C, 0.1 M in Water)	4-6.5
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-50 (ppm)
Heavy metal (as Pb)	0-10 (ppm)
Appearance (D104861)	white powder or solid
Infrared spectrum	Conforms to Structure
Solubility in H <sub>2</sub> O , 50mg/ml, clear, colorless	pass
Test for use in reduced SDS-PAGE	Pass
Purity(HPLC)	99-100 (%)