

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Thymidine**  
Specifications & Purity: **99%**  
SKU #: **T104771**

Parameter	Limit Values
Spectrophotometry (UV)	98-102 (%)
Specific Rotation $[\alpha]_{20/D}(c=3 \text{ in W/V in H}_2\text{O})$	17.5-19.1 (°)
Purity(HPLC)	99-100 (%)
Thymidine	0-0.2 (%)
A280/A260	0.7-0.74
Melting point	185-190 (°C)
Water by Karl Fischer	0-0.5 (%)
Sulfate Ash	0-0.1 (%)
Heavy metal (as Pb)	0-10 (ppm)
Total impurities	0-0.5 (%)
A250/A260	0.63-0.67
Appearance (T104771)	White to Off-White Solid, Powder, or Crystals
Infrared spectrum	Conforms to Structure