

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-14 10:29:43  
Date of Next Testing: 2027-09-13 10:29:43  
Product Name: **TBTU**  
CAS Number: 125700-67-6  
Specifications & Purity: 98%  
Lot #: 12311456  
SKU #: **T109338**  
**Analysis:** **269137**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Melting point	200-208 (°C)	207.86000 °C
Loss on drying	0-0.5 (%)	0.13 %
Purity(HPLC)	98-100 (%)	98.23700 %
Heavy metal (as Pb)	0-20 (ppm)	1.58 ppm
Appearance (T109338)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Solubility, 1mmol in 2 ml DMF	almost transparency	almost transparency



John Su  
QA & QC Manager