

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-10 16:51:47

Date of Next Testing: 2025-09-29 16:51:47

Product Name: **TBPE**

CAS Number: 62637-91-6

Specifications &amp; Purity: Indicator

Lot #: C2011160

SKU #: **T106851****Analysis: 283639**

Parameter	Limit Values	Result
Lambda Max in EtOH	600-608 (nm)	602.30 nm
Specific extinction E (1%/1cm)(at lambda max, in ethanol)	≥660	663.50000
Water by Karl Fischer	0-5 (%)	0.36 %
Sulfated Ash	10-15 (%)	12.50000 %
Appearance (T106851)	Dark green to dark blue to black Powder or crystalline powder or crystals	Dark green to dark blue to black Powder or crystalline powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager