

Certificate of Analysis

Date of Testing: 2023-05-17 16:07:16

Date of Next Testing: 2025-05-06 16:07:16

Product Name: **TBPE**

CAS Number: 62637-91-6

Specifications & Purity: Indicator

Lot #: E2310908

SKU #: **T106851****Analysis: 127743**

Parameter	Limit Values	Result
Lambda Max in EtOH	600-608 (nm)	603.00 nm
Specific extinction E (1%/1cm)(at lambda max, in ethanol)	≥660	804.60000
Water by Karl Fischer	0-5 (%)	1.00 %
Sulfated Ash	10-15 (%)	13.00000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
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

John Su
QA & QC Manager