

## Certificate of Analysis

Date of Testing: 2022-11-07 13:02:31  
Date of Next Testing: 2026-11-06 13:02:31  
Product Name: **4-tert-Butylthiacalix[4]arene**  
CAS Number: 182496-55-5  
Specifications & Purity: >98.0%(HPLC)  
Lot #: K2201844  
SKU #: **T161658**  
Analysis: **141464**

Parameter	Limit Values	Result
Absorbance(E1%1cm)(THF, 294.0 to 297.0 nm)	≥280	296.00
Lambda max (THF)	294-297 (nm)	295.50 nm
Purity(HPLC)	98-100 (%)	99.60000 %
Appearance (T161658)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager