

## Certificate of Analysis

Date of Testing: 2024-08-22 10:55:49  
Date of Next Testing: 2026-08-12 10:55:49  
Product Name: **3',3'',5',5''-Tetrabromophenolphthaleinethyl ester**  
CAS Number: 1176-74-5  
Specifications & Purity: 80%,for microscopy  
Lot #: K2222801  
SKU #: **T106849**  
Version: **2**  
Analysis #: **402596**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Assay(UV spectrophotometry)	80-100(%)	99.75 %
Appearance (T106849)	Yellow to Brown to Red Powder	Yellow to Brown to Red Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Tetrahydrofuran	Green to brown,0.01g/10ml	Green to brown,0.01g/10ml



John Su  
QA & QC Manager