

## Certificate of Analysis

Date of Testing: 2023-02-14 10:53:39  
Date of Next Testing: 2025-02-03 10:53:39  
Product Name: **Methyl thymol blue complexon**  
CAS Number: 1945-77-3  
Specifications & Purity: Dye content 80 %  
Lot #: E2124281  
SKU #: **M108749**  
**Analysis: 187251**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Absorbance(0.04g/L, 438.0 to 442.0 nm) (after drying)	≥0.4	0.68
Purity(HPLC)	80-100 (%)	82.14900 %
Appearance (M108749)	Green to very dark green powder or crystals	Green to very dark green powder or crystals
ICP Major Analysis	Confirmed to structure	Confirmed to structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager