

Certificate of Analysis

Date of Testing: 2024-12-20 12:08:39
Date of Next Testing: 2026-12-20 12:08:39
Product Name: **2,4,5-Triphenylimidazole**
CAS Number: 484-47-9
Specifications & Purity: $\geq 98\%$
Lot #: C2303014
SKU #: **T138898**
Version: **0**
Analysis #: **446599**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.79600%
Purity(NonaqueousTitration)	97.5-102.5 (%)	97.60%
Appearance (T138898)	Off-White to Light Yellow Powder	Off-White to Light Yellow Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ /MeOH (1/1) , Colorless to Faint Yellow-Green,Clear,20mg/ml	pass	Pass



John Su
QA & QC Manager