

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2026-09-11 10:30:17
Date of Next Testing: 2030-09-10 10:30:17
Product Name: **3,4,7,8-Tetramethyl-1,10-phenanthroline**
CAS Number: 1660-93-1
Specifications & Purity: $\geq 98\%$ (HPLC)
Lot #: I2601865
SKU #: **T122871**
Version: **0**
Analysis #: **754953**
Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	99.52000 %
Purity(HPLC)	98-100 (%)	99.65000 %
Appearance (T122871)	White to light orange powder, crystals and/or chunk	White to light orange powder, crystals and/or chunk
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot MeOH	almost transparency	almost transparency
Solubility in 95% EtOH , Colorless to Brown-Yellow Clear to Hazy 50mg/ml	pass	Pass

