

Certificate of Analysis

Date of Testing: 2025-04-19 11:02:38
Date of Next Testing: 2028-04-18 11:02:38
Product Name: **Butin**
CAS Number: 492-14-8
Specifications & Purity: Moligand™, ≥97%
Lot #: D2510372
SKU #: **B695094**
Version: **2**
Analysis #: **488236**
Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	100.00 %
specific rotation $[\alpha]_{20/D}(C=0.05 \text{ in MeOH})$	-17 ~ -11 (°)	-14.43900°
Appearance(B695094)	Yellow to brown powder or Solid	Yellow to brown powder or solid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager