

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-19 10:51:02
 Date of Next Testing: 2028-04-18 10:51:02
 Product Name: **Butin**
 CAS Number: 492-14-8
 Specifications & Purity: Moligand™, ≥97%
 Lot #: D2510371
 SKU #: **B695094**
 Version: **2**
 Analysis #: **488236**
 Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	100.00000 %
specific rotation [α] _{20/D} (C=0.05 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