

Certificate of Analysis

Date of Testing: 2025-06-24 09:44:00
Date of Next Testing: 2028-06-23 09:44:00
Product Name: **Methacycline**
CAS Number: 914-00-1
Specifications & Purity: $\geq 90\%$
Lot #: F2512516
SKU #: **M743765**
Version: **1**
Analysis #: **533798**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	90-100 (%)	92.98 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ MeOH})$	-333~-300 ($^{\circ}$)	-312.00 $^{\circ}$
Appearance(M743765)	Yellow to Very Dark Brown Solid	Yellow to Very Dark Brown Solid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager