

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-24 09:44:41
 Date of Next Testing: 2028-06-23 09:44:41
 Product Name: **Methacycline**
 CAS Number: 914-00-1
 Specifications & Purity: $\geq 90\%$
 Lot #: F2512521
 SKU #: **M743765**
 Version: **1**
 Analysis #: **533798**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	90-100 (%)	92.98000 %
Specific Rotation $[\alpha]_{20/D(c=0.5 \text{ MeOH})}$	-333~-300 ($^{\circ}$)	-312.00000 $^{\circ}$
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