

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-29 10:50:57

Date of Next Testing: 2027-07-29 10:50:57

Product Name: **Z-Tyr-OtBu hydrate**

CAS Number: 16881-33-7

Specifications & Purity: $\geq 98\%$

Lot #: G2422451

SKU #: **Z346431**Version: **1**Analysis #: **342687**Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.85500 %
Specific Rotation $[\alpha]_{20D}(C=1 \text{ in DMF})$	-25.5-21.5 ($^{\circ}$)	-21.69700 $^{\circ}$
LC-MS for identification	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager