

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-04 10:37:42

Date of Next Testing: 2027-09-03 10:37:42

Product Name: **Chitotetraose Tetrahydrochloride**

CAS Number: 117399-50-5

Specifications & Purity: $\geq 95\%$ (HPLC)

Lot #: H2331216

SKU #: **C153743**

Version: **1**

Analysis #: **265049**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	> 95 (%)	98.90000 %
Enantiomeric Excess	98-100 (%)	98.10000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager