

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-15 20:41:01
Date of Next Testing: 2026-06-14 20:41:01
Product Name: **Mono-6-O-(p-toluenesulfonyl)- β -cyclodextrin**
CAS Number: 67217-55-4
Specifications & Purity: >85.0%(HPLC)
Lot #: F2210592
SKU #: **M158314**
Analysis: 091518
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	85-100 (%)	98.69500%
Water by Karl Fischer	0-15 (%)	7.46%
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in DMSO})(\text{calcd. on anh. substance})$	133-141 ($^{\circ}$)	140.99 $^{\circ}$
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager