

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-29 15:36:40
 Date of Next Testing: 2028-09-28 15:36:40
 Product Name: **1,4-Dideoxy-1,4-imino-D-arabinitol hydrochloride**
 CAS Number: 100991-92-2
 Specifications & Purity: $\geq 96\%$
 Lot #: I2526605
 SKU #: **D333792**
 Version: **1**
 Analysis #: **569974**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	96-100 (%)	99.10 %
Specific rotation $[\alpha]_{20/D}(c=0.2 \text{ in H}_2\text{O})$	31-37 ($^{\circ}$)	32.30 $^{\circ}$
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager