

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-24 14:11:17  
Date of Next Testing: 2027-01-23 14:11:17  
Product Name: **1,4-Dideoxy-1,4-imino-D-arabinitol hydrochloride**  
CAS Number: 100991-92-2  
Specifications & Purity:  $\geq 96\%$   
Lot #: A2416360  
SKU #: **D333792**  
**Analysis:** **303231**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	96-100 (%)	99.30 %
Specific rotation $[\alpha]_{20}^D(c=0.2 \text{ in H}_2\text{O})$	31-37 ( $^{\circ}$ )	32.00 $^{\circ}$
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager