

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-24 14:13:09

Date of Next Testing: 2027-01-23 14:13:09

Product Name: **1,4-Dideoxy-1,4-imino-D-arabinitol hydrochloride**

CAS Number: 100991-92-2

Specifications & Purity: $\geq 96\%$

Lot #: A2416362

SKU #: **D333792**

Analysis: **303231**

Storage Temperature: Store at -20°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