

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-21 15:01:17
Date of Next Testing: 2027-02-20 15:01:17
Product Name: **N ω -Nitro-L-arginine methyl ester hydrochloride**
CAS Number: 51298-62-5
Specifications & Purity: 98%
Lot #: B2311688
SKU #: **N109211**
Analysis: 175319
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.94400 %
Specific Rotation [a] _D 20/D(c=3 in MeOH)	14-16 (°)	15.98°
Melting point	158-162 (°C)	161.50000 °C
Appearance (N109211)	White to Off-White Crystals	White to Off-White Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
TLC Analysis	One spot	One spot



John Su
QA & QC Manager