

Certificate of Analysis

Date of Testing: 2024-08-12 15:03:29
Date of Next Testing: 2028-08-11 15:03:29
Product Name: **N ω -Nitro-L-arginine methyl ester hydrochloride**
CAS Number: 51298-62-5
Specifications & Purity: 98%
Lot #: L1221015
SKU #: **N109211**
Version: **1**
Analysis #: **398107**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.50976 %
Specific Rotation [a] ₂₀ /D(c=3 in MeOH)	14-16 (°)	15.20°
Appearance (N109211)	White to Off-White Crystals to Powder	White to Off-White Crystals to Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
TLC Analysis	One spot	One spot
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager