

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-08 13:34:43  
Date of Next Testing: 2027-03-07 13:34:43  
Product Name: **L-Homoarginine Hydrochloride**  
CAS Number: 1483-01-8  
Specifications & Purity:  $\geq 98\%$   
Lot #: C2302706  
SKU #: **H100536**  
Version: **3**  
Analysis #: **179636**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.96320 %
Purity(HPLC)	98-100 (%)	99.58700 %
Specific Rotation [ $\alpha$ ] <sub>25</sub> /D(c=1 in 1M HCl)	15-20 (°)	18.57300 °
Appearance (H100536)	White to Off-White Powder or Crystals or Crystalline Powder or Granules	White to Off-White Powder or Crystals or Crystalline Powder or Granules
Solubility in H <sub>2</sub> O , colorless (50 mg/ml)	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager