

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-14 16:42:27

Date of Next Testing: 2027-08-13 16:42:27

Product Name: **D-2-Aminoadipic acid**

CAS Number: 7620-28-2

Specifications & Purity: 97%

Lot #: L1509018

SKU #: **A117161****Analysis: 263869**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in } 6\text{mol/LHCl})$	-27--20 ($^{\circ}$)	-20.34 $^{\circ}$
Carbon by Elemental Analysis	42.9-45.2 (%)	44.12 %
Nitrogen by Elemental Analysis	8-9.2 (%)	9.10 %
Purity(Neutralization titration)	97-102.5 (%)	98.00 %
Appearance (A117161)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 N HCl , Colorless Clear,50 mg/ml	pass	Pass

John Su
QA & QC Manager