



CERTIFICATE OF ANALYSIS

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1. Identification

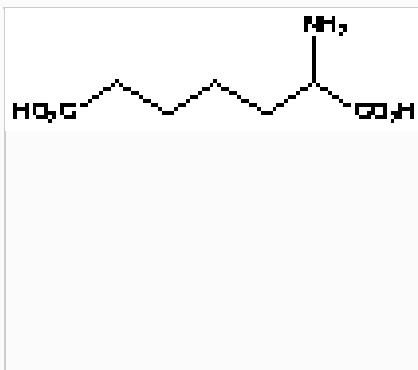
Catalogue Number: A627900

CAS Number: 627-76-9

Product: D,L-a-Aminopimelic Acid

Synonym: 2-Aminoheptanedioic Acid; NSC 402480; (+/-)-2-Amino-heptanedioic Acid;

Structure:



Molecular Formula:

C₇H₁₃NO₄

Molecular weight:

175.18

Source of Product:

N/A

Solubility:

Methanol (Slightly, Heated),
Water (Slightly)

Lot Number: 2-JYS-170-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+0.2° (c = 0.5, Water)
HPLC Purity	>95%	100.00% (ELSD)

Additional Information:

TLC Conditions: C18; Methanol : Water = 9 : 1; Visualized with KMnO₄ and Ninhydrin; Single Spot, R_f = 0.60.

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Eric Beaton	Toni Rantanen	My Nguyen	1/14/2020	1/12/2027