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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

**Product Name: Aminocaproic acid-Caprolactam**

### Identification:

Chemical Name: Hexahydro-2H-Azepin-2-one

Synonyms : NA

CAS Number : 105-60-2

CAT Number : CP-A18009

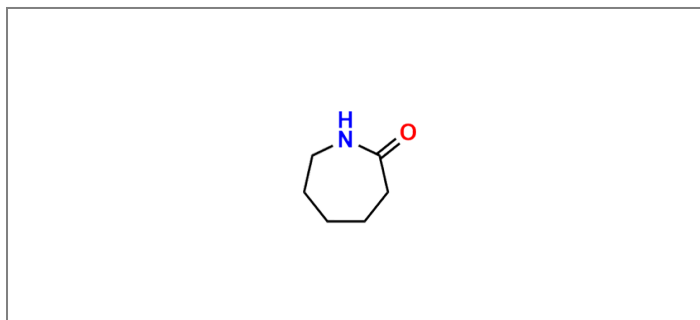
Molecular Formula : C<sub>6</sub>H<sub>11</sub>NO

Molecular Weight : 113.16

Batch Number : CP-AMI-CAP-0525

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/CDCl <sub>3</sub>
3)	MASS By LCMS	Confirm to structure
4)	Purity By GC	99.98%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	<sup>13</sup> CNMR	Confirm to Structure
7)	IR	Confirm to Structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.