

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-07 09:57:32

Date of Next Testing: 2028-05-06 09:57:32

Product Name: **Caprolactam**

CAS Number: 105-60-2

Specifications & Purity: 99%

Lot #: D2418593

SKU #: **C111700****Analysis:** **336265**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	69-72 (°C)	70.80000 °C
Purity(GC)	99-100 (%)	99.60 %
Carbon by Elemental Analysis	62.7-64.6 (%)	63.20 %
Nitrogen by Elemental Analysis	12.1-12.6 (%)	12.40 %
Appearance (C111700)	White Crystals or Pellets	White Crystals or Pellets
Solubility,Colorless and clear(5% in H2O)	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure

John Su
QA & QC Manager