

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-07 14:15:56
 Date of Next Testing: 2029-04-06 14:15:56
 Product Name: **Caprolactam**
 CAS Number: 105-60-2
 Specifications & Purity: $\geq 99\%$
 Lot #: C2531364
 SKU #: **C111700**
 Version: **1**
 Analysis #: **485994**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	69-72 (°C)	71.15000 °C
Carbon by Elemental Analysis	62.7-64.6 (%)	63.83000 %
Purity(GC)	99-100 (%)	99.88500 %
Nitrogen by Elemental Analysis	12.1-12.6 (%)	12.57300 %
Appearance (C111700)	White Crystals or Pellets	White Crystals or Pellets
Solubility, Colorless and clear (5% in H ₂ O)	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager