

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Caprolactam,99%

ITEM NUMBER: C111700  
BRAND: Aladdin  
CAS NUMBER: 105-60-2  
MDL NUMBER: MFCD00006936  
FORMULA: C<sub>6</sub>H<sub>11</sub>NO  
MOLECULAR WEIGHT: 113.16

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White Crystals or Pellets		
Carbon	62.7 %	64.6 %	64.6 %
Infrared spectrum	Conforms to Structure		
Melting point	69 ° C	72 ° C	72 ° C
Nitrogen	12.1 %	12.6 %	12.6 %
Purity(GC)	99 %	100 %	100 %
Solubility	Colorless Clear , 50 mg/ml, H <sub>2</sub> O		