

## Certificate of Analysis

Date of Testing: 2022-11-22 18:20:32  
Date of Next Testing: 2026-11-21 18:20:32  
Product Name: **Cyclophosphamide monohydrate**  
CAS Number: 6055-19-2  
Specifications & Purity: 97%  
Lot #: K2217404  
SKU #: **C106991**  
**Analysis: 151034**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-8 (%)	6.50 %
Purity(GC)	97-100 (%)	99.80 %
Melting point	49-53 (°C)	49.00000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless, Clear, 100 mg/mL, pass H <sub>2</sub> O		Pass
Appearance (C106991)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals



John Su  
QA & QC Manager