

## Certificate of Analysis

Date of Testing: 2023-04-09 21:48:59  
Date of Next Testing: 2027-04-08 21:48:59  
Product Name: **Urea**  
CAS Number: 57-13-6  
Specifications & Purity: for cell culture, ≥99.5% (T)  
Lot #: D2304185  
SKU #: **U111904**  
Analysis: **203960**

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.3 (%)	0.14 %
Purity (T)	99.5-100 (%)	99.98 %
Appearance (U111904)	white pellets or Powder or crystal	white pellets or Powder or crystal
Cell Culture Test	pass	Pass
Solubility in H <sub>2</sub> O , Colorless, Clear, 100 mg/mL, H <sub>2</sub> O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager