

## Certificate of Analysis

Date of Testing: 2024-05-29 10:07:48  
Date of Next Testing: 2028-05-28 10:07:48  
Product Name: **Magnesium chloride hexahydrate**  
CAS Number: 7791-18-6  
Specifications & Purity: For cell and insect cell culture, ≥99%(T)  
Lot #: E2420310  
SKU #: **M116335**  
Version: **1**  
Analysis #: **349197**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	99-102.5 (%)	101.30 %
Water by Karl Fischer	51.5-53.5 (%)	51.51 %
Appearance (M116335)	White powder or crystal	White powder or crystal
Solubility in H <sub>2</sub> O , clear colorless ,500mg/ml in water	pass	Pass
Cell Culture Test	pass	Pass
Insect cell culture test	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager