

## Certificate of Analysis

Date of Testing: 2023-09-12 09:25:05  
Date of Next Testing: 2026-09-11 09:25:05  
Product Name: **Biotin-maleimide**  
CAS Number: 116919-18-7  
Specifications & Purity:  $\geq 95\%$   
Lot #: I2301237  
SKU #: **B302263**  
**Analysis:** **262784**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	1.33 %
Purity(TLC)	95-100 (%)	99.32 %
Nitrogen(anhydrous)	15-16 (%)	15.52 %
Carbon by Elemental Analysis(anhydrous)	51.5-54.5 (%)	52.55 %
Appearance (B302263)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility , 20 mg/ml in acetic acid	Colorless to Yellow Clear Solution	Colorless to Yellow Clear Solution



John Su  
QA & QC Manager