

## Certificate of Analysis

Date of Testing: 2023-02-20 16:34:16  
Date of Next Testing: 2024-02-20 16:34:16  
Product Name: **Biotin-HPDP**  
CAS Number: 129179-83-5  
Specifications & Purity:  $\geq 90\%$   
Lot #: B2310457  
SKU #: **B275284**  
**Analysis:** **177537**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	90-100%	95.00000 %
Nitrogen by Elemental Analysis	11.4-14.7(%)	12.48 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(B275284)	White Powder	White to Yellow Powder



John Su  
QA & QC Manager