

Certificate of Analysis

Date of Testing: 2022-06-22 14:32:44
Date of Next Testing: 2023-06-22 14:32:44
Product Name: **Biotin-HPDP**
CAS Number: 129179-83-5
Specifications & Purity: $\geq 90\%$
Lot #: H2130038
SKU #: **B275284**
Analysis: **104359**
Storage Temperature: Store at -20°C , Argon charged

| Parameter | Limit Values | Result |
|--------------------------------|------------------------|------------------------|
| Purity(HPLC) | 90-100% | 97.54000 % |
| Nitrogen by Elemental Analysis | 11.4-14.7(%) | 12.34 % |
| Appearance(B275284) | White to yellow Powder | White to Yellow Powder |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager