

Certificate of Analysis

Date of Testing: 2022-08-29 22:00:40

Date of Next Testing: 2023-08-29 22:00:40

Product Name: **GppNHp**

CAS Number: 64564-03-0

Specifications & Purity: $\geq 95\%$

Lot #: H2220236

SKU #: **G276465**

Analysis: **115165**

Storage Temperature: Store at -20°C, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	96.30000 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager