

## Certificate of Analysis

Date of Testing: 2024-08-09 13:59:16  
Date of Next Testing: 2027-08-09 13:59:16  
Product Name: **TL4-12**  
CAS Number: 1620820-12-3  
Specifications & Purity:  $\geq 96\%$ (HPLC)  
Lot #: H2402508  
SKU #: **T288817**  
Version: **3**  
Analysis #: **345917**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	98.77800 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager