

## Certificate of Analysis

Date of Testing: 2023-04-14 13:14:45  
Date of Next Testing: 2026-04-13 13:14:45  
Product Name: **LDN 193189 dihydrochloride**  
CAS Number: 1435934-00-1  
Specifications & Purity:  $\geq 98\%$ (HPLC)  
Lot #: D2301498  
SKU #: **L287646**  
**Analysis: 182899**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.86100 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager