

## Certificate of Analysis

Date of Testing: 2023-11-06 11:51:03

Date of Next Testing: 2026-11-05 11:51:03

Product Name: (4S,4'S)-4,4'-Diisopropyl-1,1'-di-m-tolyl-4,4',5,5'-tetrahydro-1H,1'H-2,2'-biimidazole

CAS Number: 2374958-85-5

Specifications & Purity: 97%

Lot #: K2301277

SKU #: S588330

Analysis: 288165

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(HPLC area)        | 97-100 (%)            | 99.79 %               |
| Enantiomeric Excess      | 99-100 (%)            | 100.00000 %           |
| Proton NMR spectrum      | Conforms to Structure | Conforms to Structure |
| LC-MS for identification | Conforms              | Conforms              |



John Su  
QA & QC Manager