

## Certificate of Analysis

Date of Testing: 2023-02-23 14:51:03  
Date of Next Testing: 2027-02-22 14:51:03  
Product Name: **3,4-Difluoro-4'-(trans-4-ethylcyclohexyl)biphenyl**  
CAS Number: 134412-18-3  
Specifications & Purity:  $\geq 98.0\%$ (GC)  
Lot #: B2309489  
SKU #: **D154984**  
Analysis: **136004**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.33 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
<sup>19</sup> F NMR Spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager