

Certificate of Analysis

Date of Testing: 2023-06-19 16:55:59

Date of Next Testing: 2027-06-18 16:55:59

Product Name: **3,9-Bis(2-cyanoethyl)-2,4,8,10-tetraoxaspiro[5.5]undecane**

CAS Number: 3058-04-6

Specifications & Purity: 98%

Lot #: F2310939

SKU #: **B153146**

Analysis: **222191**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.40 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(B153146)	White to Light yellow to Light orange powder to crystal	White to Light yellow to Light orange powder to crystal



John Su
QA & QC Manager