

Certificate of Analysis

Date of Testing: 2025-04-28 16:31:19

Date of Next Testing: 2029-04-27 16:31:19

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

CAS Number: 3058-04-6

Specifications & Purity: $\geq 98\%$

Lot #: D2515636

SKU #: **B153146**

Version: **2**

Analysis #: **489180**

Storage Temperature: Room temperature, Argon charged

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



John Su
QA & QC Manager