

Certificate of Analysis

Date of Testing: 2023-04-27 15:00:45

Date of Next Testing: 2027-04-26 15:00:45

Product Name: **Tetraethyl 1,4,8,11-Tetraazacyclotetradecane-1,4,8,11-tetraacetate**

CAS Number: 126320-57-8

Specifications & Purity: 97%

Lot #: D23201107

SKU #: **T162096**

Analysis: **205081**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.51 %
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Appearance(T162096)	White to Almost white powder to crystalline	White to Almost white powder to crystalline



John Su
QA & QC Manager