

Certificate of Analysis

Date of Testing: 2024-12-17 11:09:26

Date of Next Testing: 2028-12-16 11:09:26

Product Name: **Tri-tert-butyl 1,4,7,10-Tetraazacyclododecane-1,4,7,10-tetraacetate**

CAS Number: 137076-54-1

Specifications & Purity: $\geq 97\%$

Lot #: L2410697

SKU #: **T162093**

Version: **1**

Analysis #: **439591**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	98.20 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(T162093)	White to off white to gray to red solid	White to off white to gray to red solid



John Su
QA & QC Manager