

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-26 09:44:48

Date of Next Testing: 2026-11-25 09:44:48

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

CAS Number: 137076-54-1

Specifications & Purity: 97%

Lot #: K2223645

SKU # **T162093**

Analysis: **148839**

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

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	98.52 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(T162093)	White to Off white to Gray to Red powder to crystal	White to Off white to Gray to Red powder to crystal

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager