

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-26 17:05:54
 Date of Next Testing: 2026-11-25 17:05:54
 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 #: K2223647
 SKU #: **T162093**
 Version: **1**
 Analysis #: **148839**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	98.52000 %
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



John Su
QA & QC Manager