

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-29 14:36:37

Date of Next Testing: 2025-11-28 14:36:37

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

CAS Number: 122555-91-3

Specifications & Purity: $\geq 93\%$ (N)

Lot #: K2222371

SKU #: **T162097**

Version: **0**

Analysis #: **055883**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(total nitrogen)	93-100 (%)	96.87000 %
Appearance (T162097)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager