

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-20 10:32:56

Date of Next Testing: 2026-03-19 10:32:56

Product Name: **1,4,7,10-Tetraazacyclododecane**

CAS Number: 294-90-6

Specifications & Purity: $\geq 97\%$ (GC)

Lot #: C2218111

SKU #: **C103173**

Version: **0**

Analysis #: **049659**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	97.05900 %
Melting point	108-113 (°C)	108.63000 °C
Appearance (C103173)	white to yellow powder, crystals, and/or chunks	white to yellow powder, crystals, and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager