

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-04 17:59:29

Date of Next Testing: 2027-05-03 17:59:29

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

CAS Number: 294-90-6

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

Lot #: D23241015

SKU #: **C103173**

Version: **0**

Analysis #: **211736**

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

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.63100 %
Melting point	108-113 (°C)	111.05000 °C
Appearance (C103173)	white to Off-White to yellow powder or crystals or chunks	white to Off-White to yellow powder or crystals or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager