

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-08-22 17:18:56

Date of Next Testing: 2029-08-21 17:18:56

Product Name: **1,4,7-Triazacyclononane**

CAS Number: 4730-54-5

Specifications & Purity:  $\geq 98\%$

Lot #: H2519085

SKU #: **T162094**

Version: **0**

Analysis #: **306481**

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

| Parameter                                      | Limit Values                                     | Result                                           |
|------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Purity(GC)                                     | 98-100 (%)                                       | 98.07 %                                          |
| Appearance (T162094)                           | White Powder, Crystals, Fibers, Flakes, or Solid | White Powder, Crystals, Fibers, Flakes, or Solid |
| Solubility in EtOH , Colorless Clear, 50 mg/ml | pass                                             | Pass                                             |
| Proton NMR spectrum                            | Conforms to Structure                            | Conforms to Structure                            |



John Su  
QA & QC Manager