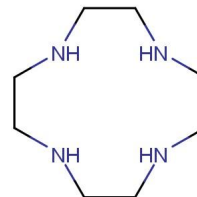


## CERTIFICATE OF ANALYSIS

Print Date: September 14, 2022

### PRODUCT INFORMATION

CAS No.: 294-90-6  
Product Name: 1,4,7,10-tetraazacyclododecane



Synonyms: N/A  
MW: 172.276  
MF: C<sub>8</sub>H<sub>20</sub>N<sub>4</sub>

### BATCH INFORMATION

Batch Number: 157712  
Manufacture Date: August 30, 2022  
Quantity: 100g  
Recommended Retest Date: August 29, 2025

### STORAGE

Refridge Temperature

### Analytical Data

Appearance: White solid  
Assay (HPLC): 95.0%  
<sup>1</sup>H-NMR: Consistent with structure  
Remarks:

Issued By: Shenqi Wei

Approved By: Shuyin Gu