

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-04 14:17:10

Date of Next Testing: 2027-11-24 14:17:10

Product Name: **4,4'-MDI (MDI)**

CAS Number: 101-68-8

Specifications & Purity:  $\geq 98\%$

Lot #: L2501174

SKU #: **M106783**

Version: **0**

Analysis #: **381299**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                      | Limit Values                    | Result                          |
|--------------------------------|---------------------------------|---------------------------------|
| Purity(GC)                     | 98-100 (%)                      | 98.57400 %                      |
| Purity(T)                      | 97.5-102.5 (%)                  | 97.90000 %                      |
| Carbon by Elemental Analysis   | 70.2-73.8 (%)                   | 71.90000 %                      |
| Nitrogen by Elemental Analysis | 10.9-11.5 (%)                   | 11.27700 %                      |
| Melting point                  | 40-50 (°C)                      | 40.02000 °C                     |
| Appearance (M106783)           | White Pills or Flakes or Chunks | White Pills or Flakes or Chunks |
| Solubility in Toluene          | almost transparency             | almost transparency             |
| Infrared spectrum              | Conforms to Structure           | Conforms to Structure           |



John Su  
QA & QC Manager