

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-13 14:48:14  
 Date of Next Testing: 2028-12-12 14:48:14  
 Product Name: **1,4-Diisocyanatobutane**  
 CAS Number: 4538-37-8  
 Specifications & Purity: technical grade,  $\geq 95\%$ (GC)  
 Lot #: L2511427  
 SKU #: **D477135**  
 Version: **2**  
 Analysis #: **614333**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter           | Limit Values                                             | Result                                                   |
|---------------------|----------------------------------------------------------|----------------------------------------------------------|
| Purity(GC)          | 95-100 (%)                                               | 99.67800 %                                               |
| Appearance(D477135) | Colorless to pale yellow to Light Brown-Yellow<br>Liquid | Colorless to pale yellow to Light Brown-Yellow<br>Liquid |
| Proton NMR spectrum | Conforms to Structure                                    | Conforms to Structure                                    |
| Infrared spectrum   | conforms to structure                                    | Conforms to Structure                                    |



John Su  
QA & QC Manager