

## Certificate of Analysis

Date of Testing: 2023-06-21 14:32:05  
Date of Next Testing: 2027-06-20 14:32:05  
Product Name: **N,N-Dimethylbenzylamine**  
CAS Number: 103-83-3  
Specifications & Purity: reagent grade,98.0%  
Lot #: F23161102  
SKU #: **D110949**  
**Analysis:** **243822**  
Storage Temperature: Store at 2-8°C,Argon charged

| Parameter                               | Limit Values                          | Result                                |
|---|---------------------------------------|---------------------------------------|
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)                        | 99.88 %                               |
| Purity(GC)                              | 98-100 (%)                            | 99.14 %                               |
| Density (20°C)                          | 0.899-0.902                           | 0.90                                  |
| Refractive index n <sub>20</sub> /D     | 1.499-1.502                           | 1.50                                  |
| Appearance (D110949)                    | Colorless to Very Faint Yellow Liquid | Colorless to Very Faint Yellow Liquid |
| Proton NMR spectrum                     | Conforms to structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager