

## Certificate of Analysis

Date of Testing: 2023-09-07 14:14:59  
Date of Next Testing: 2027-09-06 14:14:59  
Product Name: **1,3-Dimethylcyclohexane (cis- and trans- mixture)**  
CAS Number: 591-21-9  
Specifications & Purity: >97.0%(GC)  
Lot #: H2330020  
SKU #: **D155810**  
Analysis: **058833**

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	98.00 %
Refractive index n <sub>20</sub> /D	1.423-1.428	1.42
Appearance (D155810)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager