

## Certificate of Analysis

Date of Testing: 2023-04-13 10:41:51  
Date of Next Testing: 2027-04-12 10:41:51  
Product Name: **1,4-Dimethylcyclohexane (cis- and trans- mixture)**  
CAS Number: 589-90-2  
Specifications & Purity: >98.0%(GC)  
Lot #: D2307359  
SKU #: **D155234**  
Analysis: **064315**

Parameter	Limit Values	Result
Purity(GC)(total of isomers)	98-100 (%)	99.50 %
Appearance (D155234Color)	Colorless to Almost colorless clear	Colorless to Almost colorless clear
Appearance (D155234Form)	Liquid	Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager