

## Certificate of Analysis

Date of Testing: 2025-07-17 10:40:05  
Date of Next Testing: 2027-07-17 10:40:05  
Product Name: **3,3-Dimethylcyclohexanone**  
CAS Number: 2979-19-3  
Specifications & Purity:  $\geq 97\%$ (GC)  
Lot #: I2319286  
SKU #: **D138628**  
Version: **1**  
Analysis #: **541583**

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.20%
Density (20°C)	0.906-0.91	0.91
Refractive index n <sub>20</sub> /D	1.445-1.449	1.45
Appearance (D138628)	Colorless to Yellow to Brown-Yellow Liquid	Colorless to Yellow to Brown-Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager