

## Certificate of Analysis

Date of Testing: 2022-07-01 10:48:55  
Date of Next Testing: 2026-06-30 10:48:55  
Product Name: **Diphenhydramine**  
CAS Number: 58-73-1  
Specifications & Purity:  $\geq 98.0\%$ (GC)  
Lot #: F2229058  
SKU #: **D155990**  
Analysis: **098587**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.19%
Refractive index n <sub>20</sub> /D	1.545-1.549	1.55
Density (20°C)	1.015-1.019	1.02
Appearance (D155990)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager