

## Certificate of Analysis

Date of Testing: 2023-08-15 15:15:11  
Date of Next Testing: 2025-08-04 15:15:11  
Product Name: **Nonanoic acid**  
CAS Number: 112-05-0  
Specifications & Purity: analytical standard,>99.5%(GC)  
Lot #: K2120015  
SKU #: **N110893**  
Analysis: **264283**

Parameter	Limit Values	Result
Density (20°C)	0.905-0.908	0.91
Refractive index n <sub>20</sub> /D	1.431-1.433	1.43
Purity(GC)	99.5-100 (%)	99.52 %
Appearance (N110893)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager