

## Certificate of Analysis

Date of Testing: 2022-11-14 13:32:05  
Date of Next Testing: 2026-11-13 13:32:05  
Product Name: **Nitromethane**  
CAS Number: 75-52-5  
Specifications & Purity: Analytical Reagent  
Lot #: K2210306  
SKU #: **N109661**  
**Analysis: 155146**

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.58 %
Refractive index n <sub>20</sub> /D	1.381-1.383	1.38
Ignition Residue (as sulfate)	0-0.005 (%)	0.00 %
Density (20°C)	1.136-1.142	1.14
Appearance (N109661)	Colorless liquid	Colorless liquid
Boiling range,100 - 101.5 °C	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , clear,50mg/ml	pass	Pass



John Su  
QA & QC Manager