

## Certificate of Analysis

Date of Testing: 2022-11-14 13:11:27  
Date of Next Testing: 2024-11-03 13:11:27  
Product Name: **Nitromethane**  
CAS Number: 75-52-5  
Specifications & Purity: >99.0% (GC)  
Lot #: K2210307  
SKU #: **N109662**  
Analysis: **155151**

Parameter	Limit Values	Result
Density (20°C)	1.134-1.141	1.13
Refractive index n <sub>20</sub> /D	1.381-1.383	1.38
Water by Karl Fischer	0-0.5 (%)	0.03 %
Cadmium(Cd)	0-0.2 (ppm)	0.18 ppm
Purity(GC)	99-100 (%)	99.58 %
(Pb)Lead	0-0.2 (ppm)	0.08 ppm
Iron(Fe)	0-0.5 (ppm)	0.25 ppm
Evaporation Residue	0-0.005 (%)	0.00 %
Copper(Cu)	0-0.2 (ppm)	0.09 ppm
Appearance (N109662)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager