

Certificate of Analysis

Date of Testing: 2024-12-16 18:16:36

Date of Next Testing: 2028-12-15 18:16:36

Product Name: **Nitromethane**

CAS Number: 75-52-5

Specifications & Purity: Chromatographic grade, ≥99%

Lot #: L2411317

SKU #: **N109664**

Version: **0**

Analysis #: **450923**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
UV Absorbance 395nm	0-0.2	0.17
Water by Karl Fischer	0-0.05 (%)	0.04 %
UV Absorbance 386nm	0-0.5	0.50
UV Absorbance 430nm	0-0.01	0.00
UV Absorbance 700nm	0-0.01	0.00
UV Absorbance 400nm	0-0.1	0.10
Refractive index n ₂₀ /D	1.381-1.383	1.38
UV Absorbance 380nm	0-1	1.00
UV Absorbance 405nm	0-0.05	0.05
Purity(GC)	99-100 (%)	99.56 %
Appearance (N109664)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
λ, H ₂ O reference	Pass	Pass



John Su
QA & QC Manager