

Certificate of Analysis

Date of Testing: 2025-02-24 11:46:13
 Date of Next Testing: 2029-02-23 11:46:13
 Product Name: **Heptane**
 CAS Number: 142-82-5
 Specifications & Purity: Chromatographic grade, ≥99%(GC)
 Lot #: A2503467
 SKU #: **H108112**
 Version: **0**
 Analysis #: **474212**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.385-1.389	1.39
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.35 ppb
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.18 ppb
UV Absorbance 260nm	0-0.01	0.00
UV Absorbance 200nm	0-0.7	0.57
UV Absorbance 230nm	0-0.05	0.00
UV Absorbance 220nm	0-0.1	0.03
UV Absorbance 210nm	0-0.4	0.18
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 245nm	0-0.01	0.00
Residue on Evaporation	0-0.0003 (%)	0.00 %
Water by Karl Fischer	0-0.01 (%)	0.00 %
Purity(GC)	99-100 (%)	99.95 %
free acid (as CH ₃ COOH)	0-0.001 (%)	0.00 %
Appearance (H108112)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager