

Certificate of Analysis

Date of Testing:	2024-11-22 15:21:23
Date of Next Testing:	2028-11-21 15:21:23
Product Name:	Heptane
CAS Number:	142-82-5
Specifications & Purity:	Chromatographic grade, ≥99%(GC)
Lot #:	J2414798
SKU #	H108112
Version	0
Analysis #:	438226
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.21 ppb
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.48 ppb
Purity(GC)	99-100 (%)	99.41%
free acid (as CH ₃ COOH)	0-0.001 (%)	0.00%
Refractive index n ₂₀ /D	1.385-1.389	1.39
UV Absorbance 260nm	0-0.01	0.00
UV Absorbance 200nm	0-0.7	0.41
UV Absorbance 230nm	0-0.05	0.02
UV Absorbance 220nm	0-0.1	0.06
UV Absorbance 210nm	0-0.4	0.16
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%
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". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager