

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-02-10 09:34:45
Date of Next Testing:	2027-02-09 09:34:45
Product Name:	Heptane
CAS Number:	142-82-5
Specifications & Purity:	for HPLC, ≥99%(GC)
Lot #:	B2307629
SKU #	H108112
Analysis:	168355
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)	0.07 ppb
UV Absorbance 260nm	0-0.01	0.00
UV Absorbance 200nm	0-0.7	0.66
UV Absorbance 230nm	0-0.05	0.03
UV Absorbance 220nm	0-0.1	0.09
Purity(GC)	99-100 (%)	99.37 %
Residue on Evaporation	0-0.0003 (%)	0.00 %
UV Absorbance 210nm	0-0.4	0.26
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.22 ppb
free acid (as CH ₃ COOH)	0-0.001 (%)	0.00 %
UV Absorbance 400nm	0-0.01	0.00
Water by Karl Fischer	0-0.01 (%)	0.01 %
UV Absorbance 245nm	0-0.01	0.01
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