

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-19 14:48:18  
Date of Next Testing: 2030-05-18 14:48:18  
Product Name: **Isooctane**  
CAS Number: 540-84-1  
Specifications & Purity: HPLC grade, ≥99%(GC)  
Lot #: D2610485  
SKU #: **I103237**  
Version: **0**  
Analysis #: **705876**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.82700 %
Water by Karl Fischer	0-0.01 (%)	0.00010 %
Acidity (CH <sub>3</sub> COOH)	0-0.001 (%)	0.00000 %
Evaporation Residue	0-0.0005 (%)	0.00000 %
Refractive index n <sub>20</sub> /D	1.39-1.393	1.39250
UV Absorbance 210nm	0-0.7	0.37500
Absorbance (at 270 nm)	0-0.01	0.00400
UV Absorbance 235nm	0-0.1	0.00000
Density (20°C)	0.691-0.694	0.69400
Appearance (I103237)	Colorless liquid	Colorless liquid



John Su  
QA & QC Manager