

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-21 12:25:00
Date of Next Testing: 2029-07-20 12:25:00
Product Name: **Isooctane**
CAS Number: 540-84-1
Specifications & Purity: HPLC grade, ≥99%(GC)
Lot #: F2506861
SKU #: **I103237**
Version: **0**
Analysis #: **544381**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Evaporation Residue	0-0.0005 (%)	0.00000 %
Density (20°C)	0.691-0.694	0.69280
Refractive index n _{20/D}	1.39-1.393	1.39150
Water by Karl Fischer	0-0.01 (%)	0.00490 %
UV Absorbance 210nm	0-0.7	0.52600
Absorbance (at 270 nm)	0-0.01	0.00000
UV Absorbance 235nm	0-0.1	0.02000
Purity(GC)	99-100 (%)	99.76000 %
Acidity (CH ₃ COOH)	0-0.001 (%)	0.00000 %
Appearance (I103237)	Colorless liquid	Colorless liquid



John Su
QA & QC Manager