

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-21 12:26:16

Date of Next Testing: 2029-07-20 12:26:16

Product Name: **Isooctane**

CAS Number: 540-84-1

Specifications & Purity: HPLC grade, ≥99%(GC)

Lot #: F2506862

SKU #: **I103237**

Version: **0**

Analysis #: **544385**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Evaporation Residue	0-0.0005 (%)	0.00000 %
Density (20°C)	0.691-0.694	0.69260
Refractive index n ₂₀ /D	1.39-1.393	1.39160
Water by Karl Fischer	0-0.01 (%)	0.00600 %
UV Absorbance 210nm	0-0.7	0.50400
Absorbance (at 270 nm)	0-0.01	0.00000
UV Absorbance 235nm	0-0.1	0.01200
Purity(GC)	99-100 (%)	99.92900 %
Acidity (CH ₃ COOH)	0-0.001 (%)	0.00000 %
Appearance (I103237)	Colorless liquid	Colorless liquid



John Su
QA & QC Manager