

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-21 16:28:51  
Date of Next Testing: 2026-03-20 16:28:51  
Product Name: **Isooctane**  
CAS Number: 540-84-1  
Specifications & Purity: for HPLC, >99%(GC)  
Lot #: C2215273  
SKU #: **I103237**  
Analysis: **084629**

Parameter	Limit Values	Result
Acidity (CH <sub>3</sub> COOH)	0-0.001 (%)	0.00 %
Evaporation Residue	0-0.0005 (%)	0.00 %
Purity(GC)	99-100 (%)	99.92 %
Density (20°C)	0.691-0.694	0.69
Refractive index n <sub>20</sub> /D	1.39-1.393	1.39
Water by Karl Fischer	0-0.01 (%)	0.00 %
UV Absorbance 210nm	0-0.7	0.46
UV Absorbance 270nm	0-0.01	0.01
UV Absorbance 235nm	0-0.1	0.07
Appearance (I103237)	Colorless liquid	Colorless liquid



John Su  
QA & QC Manager