

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-18 15:08:03

Date of Next Testing: 2027-03-17 15:08:03

Product Name: **Isooctane**

CAS Number: 540-84-1

Specifications & Purity: for HPLC, >99%(GC)

Lot #: C23101241

SKU #: **I103237****Analysis: 202105**

Parameter	Limit Values	Result
Acidity (CH ₃ COOH)	0-0.001 (%)	0.00 %
Evaporation Residue	0-0.0005 (%)	0.00 %
Purity(GC)	99-100 (%)	99.88 %
Density (20°C)	0.691-0.694	0.69
Refractive index n ₂₀ /D	1.39-1.393	1.39
Water by Karl Fischer	0-0.01 (%)	0.01 %
UV Absorbance 210nm	0-0.7	0.19
UV Absorbance 270nm	0-0.01	0.00
UV Absorbance 235nm	0-0.1	0.01
Appearance (I103237)	Colorless liquid	Colorless liquid

John Su
QA & QC Manager