

Certificate of Analysis

Date of Testing: 2024-12-18 10:30:21

Date of Next Testing: 2028-12-17 10:30:21

Product Name: **Isooctane**

CAS Number: 540-84-1

Specifications & Purity: Chromatographic grade, $\geq 99\%$ (GC)

Lot #: I2410543

SKU # **I103237**

Version **0**

Analysis #: **451601**

Parameter	Limit Values	Result
Acidity (CH ₃ COOH)	0-0.001 (%)	0.00 %
Evaporation Residue	0-0.0005 (%)	0.00 %
Purity(GC)	99-100 (%)	99.97 %
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	0.39
UV Absorbance 270nm	0-0.01	0.00
UV Absorbance 235nm	0-0.1	0.02
Appearance (I103237)	Colorless liquid	Colorless liquid



John Su
QA & QC Manager