

Certificate of Analysis

Date of Testing: 2024-01-25 11:47:02
Date of Next Testing: 2028-01-24 11:47:02
Product Name: **Isooctane**
CAS Number: 540-84-1
Specifications & Purity: for HPLC, >99%(GC)
Lot #: A2416396
SKU #: **I103237**
Analysis: **311161**

| Parameter | Limit Values | Result |
|-------------------------------------|------------------|------------------|
| Acidity (CH ₃ COOH) | 0-0.001 (%) | 0.00 % |
| Evaporation Residue | 0-0.0005 (%) | 0.00 % |
| Purity(GC) | 99-100 (%) | 99.92 % |
| 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 (%) | 0.00 % |
| UV Absorbance 210nm | 0-0.7 | 0.41 |
| 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