

Certificate of Analysis

Date of Testing: 2022-11-21 16:40:45

Date of Next Testing: 2026-11-20 16:40:45

Product Name: **Heptanoic acid**

CAS Number: 111-14-8

Specifications & Purity: Analytical Reagent, 98.0%

Lot #: K2217112

SKU #: **H103519**

Analysis: **152569**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	99.90 %
Density (20°C)	0.918-0.92	0.92
Refractive index n ₂₀ /D	1.422-1.425	1.42
Purity(GC)	98-100 (%)	99.75 %
Appearance (H103519)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager