

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-08 17:20:37

Date of Next Testing: 2026-07-07 17:20:37

Product Name: **Heptanoic acid**

CAS Number: 111-14-8

Specifications & Purity: AR, ≥98%

Lot #: F2230429

SKU #: **H103519**Version: **2**Analysis #: **103137**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	99.85000 %
Density (20°C)	0.918-0.92	0.91900
Refractive index n _{20/D}	1.422-1.425	1.42240
Purity(GC)	98-100 (%)	99.68600 %
Appearance (H103519)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager