

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-28 16:33:38

Date of Next Testing: 2027-07-27 16:33:38

Product Name: **n-Heptylamine**

CAS Number: 111-68-2

Specifications & Purity: $\geq 98\%$

Lot #: G2322837

SKU #: **H113175**

Version: **1**

Analysis #: **251914**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	99.30000 %
Density (20°C)	0.773-0.777	0.77500
Purity(GC)	98-100 (%)	99.60000 %
Refractive index n ₂₀ /D	1.423-1.427	1.42400
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (H113175)	Colorless Liquid	Colorless to Light yellow clear liquid



John Su
QA & QC Manager