

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-14 14:30:08  
Date of Next Testing: 2028-05-13 14:30:08  
Product Name: **n-Heptylamine**  
CAS Number: 111-68-2  
Specifications & Purity: 98%  
Lot #: D2423448  
SKU #: **H113175**  
**Analysis:** **331237**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.423-1.427	1.42
Purity(Titration by HClO <sub>4</sub> )	97.5-102.5 (%)	98.10 %
Density (20°C)	0.773-0.777	0.78
Purity(GC)	98-100 (%)	98.00 %
Appearance (H113175)	Colorless Liquid	Colorless to Light yellow clear liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager