

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-12 17:37:42
 Date of Next Testing: 2028-09-11 17:37:42
 Product Name: **Dibutylamine**
 CAS Number: 111-92-2
 Specifications & Purity: $\geq 99\%$
 Lot #: I2410014
 SKU #: **D111219**
 Version: **1**
 Analysis #: **405184**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.417-1.419	1.41750
Purity(GC)	99-100 (%)	99.04100 %
Density (20°C)	0.76-0.762	0.76000
Appearance (D111219)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager