

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-21 06:56:07

Date of Next Testing: 2027-03-20 06:56:07

Product Name: **1-Bromoundecane**

CAS Number: 693-67-4

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: C23161410

SKU #: **B152912**Version: **0**Analysis #: **133443**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.00900 %
Density (20°C)	1.053-1.063	1.05800
Refractive index n _{20/D}	1.456-1.459	1.45820
Appearance (B152912)	Colorless to Light Yellow or Yellow-Green	Colorless to Light Yellow or Yellow-Green
	Liquid	Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager