

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-10 16:06:10

Date of Next Testing: 2026-10-09 16:06:10

Product Name: **1-Bromoundecane**

CAS Number: 693-67-4

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

Lot #: I2222896

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 <sub>20/D</sub> | 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