

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2021-08-07 15:06:42  
Date of Next Testing: 2025-08-06 15:06:42  
Product Name: **Trichloro(1H,1H,2H,2H-tridecafluoro-n-octyl)silane**  
CAS Number: 78560-45-9  
Specifications & Purity: >97.0%(GC)  
Lot #: G2130259  
SKU #: **T162729**  
**Analysis: 022150**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	97.07%
Density (20°C)	1.651-1.655	1.65
Refractive index n <sub>20</sub> /D	1.351-1.355	1.35
Appearance (T162729)	Colorless to Yellow to Pink Liquid	Colorless to Yellow to Pink Liquid
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager