

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-20 17:20:31
Date of Next Testing: 2027-07-19 17:20:31
Product Name: **Trichloro(1H,1H,2H,2H-tridecafluoro-n-octyl)silane**
CAS Number: 78560-45-9
Specifications & Purity: >97.0%(GC)
Lot #: G23131439
SKU #: **T162729**
Analysis: **239950**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-------------------------------------|------------------------------------|------------------------------------|
| Purity(GC) | 97-100 (%) | 98.62 % |
| Refractive index n ₂₀ /D | 1.351-1.355 | 1.35 |
| Density (20°C) | 1.651-1.655 | 1.65 |
| 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