

## Certificate of Analysis

Date of Testing: 2023-07-10 16:50:17  
Date of Next Testing: 2027-07-09 16:50:17  
Product Name: **2H,2H,3H,3H-Heptadecafluoroundecanoic Acid**  
CAS Number: 34598-33-9  
Specifications & Purity: 95%  
Lot #: G2303339  
SKU #: **H157297**  
**Analysis:** **226925**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	94.5-105.5 (%)	98.53 %
Melting point	95-99 (°C)	96.76000 °C
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager