

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-15 18:58:28

Date of Next Testing: 2026-12-14 18:58:28

Product Name: **2,2,3,3,3-Pentafluoropropyl p-Toluenesulfonate**

CAS Number: 565-42-4

Specifications & Purity: 98%

Lot #: L22071184

SKU #: **P160258**

Analysis: **145589**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.32 %
Melting point	52.0°C-56.0 (°C)	55.68000 °C
Appearance(P160258)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
FNMR spectrum	Conforms to structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager