

Certificate of Analysis

Date of Testing: 2023-05-19 15:40:20

Date of Next Testing: 2027-05-18 15:40:20

Product Name: **1,1,1,3,3,3-Hexafluoroisopropyl p-Toluenesulfonate**

CAS Number: 67674-48-0

Specifications & Purity: >95.0%(GC)

Lot #: E2315991

SKU #: **H157120**

Analysis: **202864**

Parameter	Limit Values	Result
Melting point	43-47 (°C)	45.82000 °C
Purity(GC)	95-100 (%)	99.14 %
Appearance (H157120)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager