

Certificate of Analysis

Date of Testing: 2025-05-15 15:25:33

Date of Next Testing: 2029-05-14 15:25:33

Product Name: **Pentafluorobenzyl p-Toluenesulfonate [Derivatizing Reagent for GC of Inorganic Anions]**

CAS Number: 32974-36-0

Specifications & Purity: $\geq 98\%$

Lot #: H2112350

SKU #: **P160259**

Version: **2**

Analysis #: **510820**

Parameter	Limit Values	Result
Melting point	76-79(°C)	78.29800 °C
Purity(Ester Value)	98-102 (%)	101.98000 %
Appearance(P160259)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Fluorine NMR Spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager