

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-14 16:30:58

Date of Next Testing: 2026-10-13 16:30:58

Product Name: **Diethyl (4-Fluorobenzyl)phosphonate**

CAS Number: 63909-58-0

Specifications & Purity: >98.0%(GC)

Lot #: J2211752

SKU #: **D155186**

Analysis: 144265

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.12 %
Density (20°C)	1.162-1.166	1.16
Refractive index n ₂₀ /D	1.48-1.484	1.48
Appearance (D155186)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager