

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-20 13:05:33

Date of Next Testing: 2027-01-20 13:05:33

Product Name: **9,9-Dimethyl-4,5-bis(di-tert-butylphosphino)xanthene**

CAS Number: 856405-77-1

Specifications & Purity: $\geq 97\%$

Lot #: H1926180

SKU #: **D139344**

Version: **0**

Analysis #: **465079**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	153-157 (°C)	155.30000 °C
Purity(HPLC)	97-100 (%)	97.30000 %
Appearance (D139344)	White to Yellow Crystals to Powder and/or Chunks	White to Yellow Crystals to Powder and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager