

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-10 08:58:49

Date of Next Testing: 2025-10-09 08:58:49

Product Name: **N-[(1S)-2-(Diphenylphosphino)-1-(2-(diphenylphosphino)phenyl)ethyl]-3,5-bis(trifluoromethyl)-benzamide**

CAS Number: 2249744-81-6

Specifications & Purity: $\geq 95\%$

Lot #: I2222973

SKU #: **N398906**

Analysis: **106824**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NMR)	95-100 (%)	95.20 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure
31P NMR spectrum	Conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager