

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-17 14:22:49

Date of Next Testing: 2029-10-16 14:22:49

Product Name: **(DHQ)2PHAL**

CAS Number: 140924-50-1

Specifications & Purity: $\geq 95\%$

Lot #: A2207507

SKU #: **D111398**

Version: **1**

Analysis #: **588141**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	97.08000 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$	333-338 (°)	337.50000 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager