

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-19 14:51:14

Date of Next Testing: 2029-05-18 14:51:14

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

CAS Number: 140853-10-7

Specifications & Purity:  $\geq 95\%$ 

Lot #: J1717107

SKU #: **D111399**Version: **0**Analysis #: **512080**

Parameter	Limit Values	Result
Specific Rotation [ $\alpha$ ] <sub>D</sub> <sup>22</sup> (c=1 in MeOH)	-272.5--252.5 (°)	-264.89 °
Purity(HPLC)	95-100 (%)	99.87500 %
Appearance (D111399)	Off-White to Light Yellow Powder or Solid	Off-White to Light Yellow Powder or Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager