

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-14 14:57:31

Date of Next Testing: 2030-01-13 14:57:31

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

CAS Number: 140853-10-7

Specifications & Purity: $\geq 95\%$

Lot #: B2223109

SKU #: **D111399**

Version: **0**

Analysis #: **629119**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.63300 %
Specific Rotation $[\alpha]_{22}^D(c=1 \text{ in MeOH})$	-272.5--252.5 (°)	-272.45000 °
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