

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-07 12:03:09
 Date of Next Testing: 2026-09-06 12:03:09
 Product Name: (DHQD)2PHAL
 CAS Number: 140853-10-7
 Specifications & Purity: ≥95%
 Lot #: I2203213
 SKU #: D111399
 Version: 0
 Analysis #: 132258
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] _D ²² /D(c=1 in MeOH)	-272.5--252.5 (°)	-267.09500 °
Purity(HPLC)	95-100 (%)	96.81200 %
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