

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-13 11:40:27

Date of Next Testing: 2026-07-12 11:40:27

Product Name: **Helicid**

CAS Number: 80154-34-3

Specifications & Purity: $\geq 98\%$

Lot #: I1811050

SKU # **H128330**Version **0**Analysis #: **112200**Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=0.8 \text{ in H}_2\text{O})$	-115--95 ($^{\circ}$)	-102.30000 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.02100 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager