

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-21 13:45:29

Date of Next Testing: 2029-08-20 13:45:29

Product Name: **Helicid**

CAS Number: 80154-34-3

Specifications & Purity: $\geq 98\%$

Lot #: K2112625

SKU #: **H128330**

Version: **0**

Analysis #: **557767**

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 ($^{\circ}$)	-110.27 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.14300 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager