

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-22 13:40:24

Date of Next Testing: 2027-02-21 13:40:24

Product Name: **Swertiamarin**

CAS Number: 17388-39-5

Specifications & Purity: $\geq 95\%$

Lot #: B2419500

SKU #: **S463917**

Version: **1**

Analysis #: **318013**

Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	95.54500 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in EtOH})$	-141~-136 ($^{\circ}$)	-136.93200 $^{\circ}$
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager