

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-22 16:27:39

Date of Next Testing: 2027-02-21 16:27:39

Product Name: **Swertiamarin**

CAS Number: 17388-39-5

Specifications & Purity: 95%

Lot #: B2419499

SKU #: **S463917**

Analysis: **318013**

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

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	95.55 %
Specific Rotation [α] ₂₀ /D(c=0.5 in EtOH)	-141~-136 (°)	-136.93 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager