

Certificate of Analysis

Date of Testing: 2024-02-22 17:08:37

Date of Next Testing: 2027-02-21 17:08:37

Product Name: **Swertiamarin**

CAS Number: 17388-39-5

Specifications & Purity: 95%

Lot #: B2419495

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 $[\alpha]_{20/D}(c=0.5 \text{ in EtOH})$	-141~-136 (°)	-136.93 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager