

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-31 11:35:10

Date of Next Testing: 2027-07-30 11:35:10

Product Name: **Phloridzin dihydrate**

CAS Number: 7061-54-3

Specifications & Purity: $\geq 98\%$

Lot #: K1503041

SKU #: **P117994**

Version: **0**

Analysis #: **257395**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	98.19600 %
Purity(HPLC)	98-100 (%)	98.18000 %
Specific Rotation $[\alpha]_{20/D}(c=3 \text{ in EtOH})$	-55--51 (°)	-52.98000 °
Water by Karl Fischer	0-8 (%)	5.78000 %
Appearance (P117994)	White to Tan Powder or Crystals	White to Tan Powder or Crystals
biological source	from apple wood	from apple wood
Infrared spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager