

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-05 14:23:22  
Date of Next Testing: 2026-06-25 14:23:22  
Product Name: **Naringin**  
CAS Number: 10236-47-2  
Specifications & Purity: analytical standard ,  $\geq 98\%$   
Lot #: F2429287  
SKU #: **N107344**  
Version: **1**  
Analysis #: **384092**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.97000 %
Specific rotation $[\alpha]_{20/D(C=1, \text{Ethanol})}$ -90~-70 (°)		-78.68000 °
Loss on drying	0-6 (%)	2.10 %
Appearance (N107344)	White to Light Beige Powder or Crystals	White to Light Beige Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager