

## Certificate of Analysis

Date of Testing: 2022-03-11 11:25:56  
Date of Next Testing: 2026-03-10 11:25:56  
Product Name: **Naringin**  
CAS Number: 10236-47-2  
Specifications & Purity: 95%  
Lot #: C2209102  
SKU #: **N107345**  
Version  
Analysis #: **073058**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.44400 %
Specific Rotation [a] <sub>D</sub> 20/D(c=2 in EtOH)	-92--75 (°)	-85.02 °
Water by Karl Fischer	0-5 (%)	4.30 %
Purity(Neutralization titration)(calcd.on anh.substance)	95-105 (%)	98.30 %
Appearance (N107345)	White to Yellow Solid	White to Yellow Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager