

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-07 19:15:13  
Date of Next Testing: 2026-12-06 19:15:13  
Product Name: **1,4-Dihydro-4-oxoquinoline-3-carboxylic Acid**  
CAS Number: 13721-01-2  
Specifications & Purity: 98%  
Lot #: L2205145  
SKU #: **D155342**  
Analysis: **135566**

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.88 %
Appearance(D155342)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager