

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-19 17:33:09

Date of Next Testing: 2026-12-18 17:33:09

Product Name: **1,2,3,4-Tetrahydroquinaldine**

CAS Number: 1780-19-4

Specifications & Purity: >97.0%

Lot #: L2208699

SKU #: **T162315**

Analysis: **171165**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.07180 %
Density (20°C)	1.02-1.024	1.02
Refractive index n ₂₀ /D	1.572-1.575	1.57
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager