

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-03 15:49:09

Date of Next Testing: 2027-08-02 15:49:09

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

CAS Number: 1780-19-4

Specifications & Purity: $\geq 97\%$

Lot #: J1923157

SKU #: **T162315**

Version: **0**

Analysis #: **259317**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.07160 %
Density (20°C)	1.02-1.024	1.02100
Refractive index n _{20/D}	1.572-1.575	1.57340
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager