

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-26 17:33:04

Date of Next Testing: 2028-11-25 17:33:04

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

CAS Number: 635-46-1

Specifications & Purity: $\geq 97\%$

Lot #: K2420537

SKU #: **T107484**

Version: **0**

Analysis #: **383323**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	98.53 %
Crystallization point	11-20 (°C)	15.30 °C
Refractive index n _{20/D}	1.591-1.596	1.59
Density (20°C)	1.056-1.062	1.06
Appearance (T107484)	yellow to orange liquid	yellow to orange liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager