

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-07 10:11:01

Date of Next Testing: 2027-08-06 10:11:01

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

CAS Number: 91-21-4

Specifications & Purity: $\geq 95\%$

Lot #: G2331247

SKU #: **T139420**

Version: **0**

Analysis #: **193699**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	99.50000 %
Refractive index n ₂₀ /D	1.568-1.571	1.56800
Density (20°C)	1.047-1.05	1.04800
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (T139420)	Colourless to yellow to orange liquid	Colourless to yellow to orange liquid



John Su
QA & QC Manager