

Certificate of Analysis

Date of Testing: 2023-09-08 11:17:40

Date of Next Testing: 2027-09-07 11:17:40

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

CAS Number: 91-21-4

Specifications & Purity: $\geq 95\%$

Lot #: L1909165

SKU #: **T139420**

Analysis: **273270**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	95.91 %
Refractive index n ₂₀ /D	1.568-1.571	1.57
Density (20°C)	1.047-1.05	1.05
Appearance (T139420)	Colourless to yellow to orange liquid	Colourless to 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