

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-15 16:17:40

Date of Next Testing: 2024-02-05 16:17:40

Product Name: **Cital**

CAS Number: 5392-40-5

Specifications & Purity: Moligand™, ≥97%, mixture of cis and trans

Lot #: B2212198

SKU #: **C104134**

Version: **0**

Analysis #: **057498**

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

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.486-1.49	1.49
Density (20°C)	0.889-0.893	0.89
Purity (sum of isomers)(GC)	97-100 (%)	98.50 %
Appearance (C104134)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager